Gillieston Public School Redevelopment and New Public Preschool

Preliminary Construction Management Plan

JOHNSTAFF

Document Control

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1 Activity

The Gillieston Public School have been identified by the NSW Department of Education (DoE) as requiring redevelopment. The proposed Gillieston Public School Redevelopment and New Public Preschool is driven by service need including increase in expected student enrolments and the and removing demountable structure and replacement with permanent teaching spaces.

The Gillieston Public School Redevelopment and New Public Preschool comprises the following activity:

- Demolition and removal of existing temporary structures.
- Site preparation activity, including demolition, earthworks, tree removal.
- Construction of new:
    - 32 permanent general learning spaces and 3 support teaching spaces
    - Administration and staff hubs
    - Hall, canteen and library
    - Out of school hours care
    - Public preschool (standalone building for 60 places)
    - Covered Outdoor Learning Areas (COLAs)
    - Outdoor play areas, including games courts and yarning circle
    - New at-grade car parking
    - Extension of the existing drop-off / pick-up area and new bus bay
    - Realignment of the existing fencing
    - Associated stormwater infrastructure upgrades
    - Associated landscaping
    - Associated pedestrian and road upgrade activity

2 Background

2.1 Introduction

Department of Education (DoE) proposes engaging a Head Contractor to Gillieston Public School Redevelopment and New Public Preschool which constitute an upgrade of the Gillieston Public School to align with EFSG Core 35 (the activity). Upon engagement, the Head Contractor will be required to prepare a Construction and Environmental Management Plan (CEMP), which will detail the methodology for carrying out the activity so as to minimise potential impacts of construction activities on teachers and students, neighbours and nearby residents, users of public footpaths and roads in the vicinity of the site, surrounding streets used to access the site and the environment.

This Preliminary Construction Management Report (PCMP) has been prepared by Johnstaff Projects Pty Ltd, on behalf of DoE, for submission to DoE as supporting documentation for REF. The purpose of this PCMP is to outline the general construction management principles and controls to be implemented at the site.

2.2 Significance of Environmental Impacts

Based on the identification of potential impacts and an assessment of the nature and extent of the impacts of the proposed activity, it is determined that all potential impacts can be appropriately mitigated to ensure that there is minimal impact on the locality, community and/or the environment.

2.3 Site Description

The Site is identified as 100 Ryans Road and 19 Northview Street, Gillieston Heights, legally described as Lot 51 DP 1162489 and Lot 2 DP1308605.

The Site is located within the Maitland Local Government Area (LGA) and is zoned RU2 Rural Landscape and R1 General Residential zone under the provisions of the Maitland Local Environmental Plan 2011 (MLEP2011).

Existing attributes of the subject site are noted as follows:

- The subject site exhibits an area of approximately 23,385m² and is located in the suburb of Gillieston Heights;
- The subject site has a frontage to Ryans Road to the east, Gillieston Road to the north, and Northview Street to the south;
- In its existing state, the subject site comprises the existing Gillieston Public School. Existing school buildings are primarily located in the west portion of the subject site with a large area of open space situated in the eastern portion. There are limited permanent structures located on the subject site with thirteen (13) existing demountable classrooms currently occupying the subject site. Permanent buildings consist of the Main Administration Building, Original Brick Cottage, Library and GLS building located in the centre of the subject site; and
- Carparking is provided from Gillieston Road for staff. Pedestrian access is available via this main entrance from Gillieston Road and via a separate pedestrian-only access gates on Northview Street and Ryans Road.

The existing site context is shown in Figure 1 and Figure 2 below.

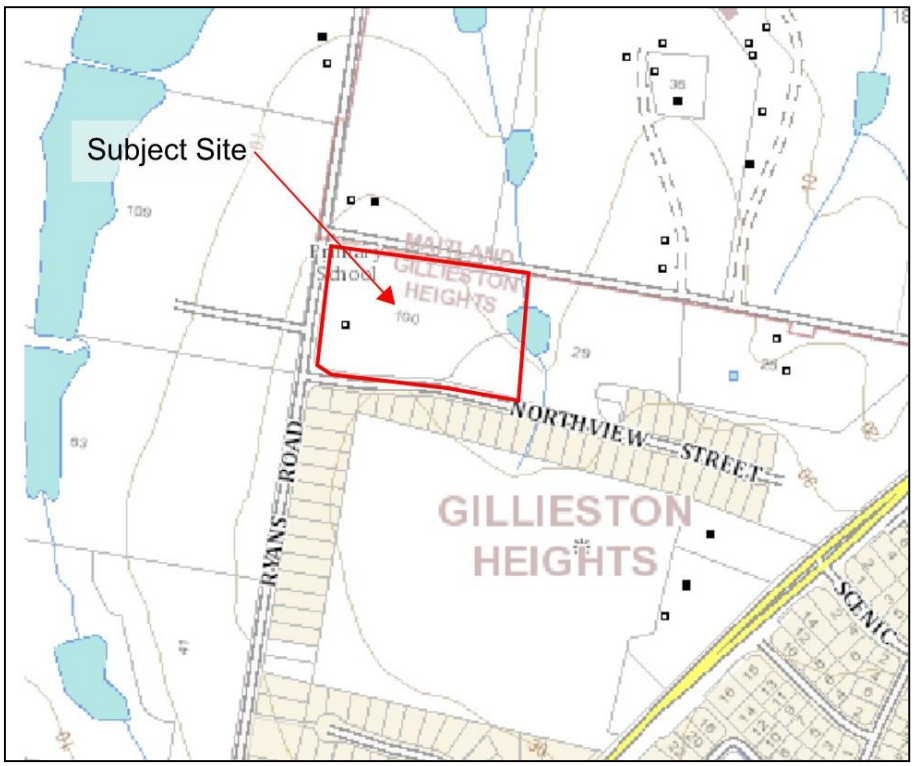


Figure 1 – Cadastral Map (Source: NSW Spatial Viewer, 2024)

Figure 2 – Site Aerial Map (Source: Near Map, 2024)

3 Project Scope of activity

3.1 The Activity

The following table sets out the project details.

Project Description	The proposed Gillieston Public School Redevelopment and New Public Preschool will support high-quality educational outcomes to the students, address enrolment growth and meet the needs of students within the local community. The key objective is to create new facilities with permanent classrooms that will provide a flexible design suited for future focused learning to while offering a safe and secure learning environment. This activity will cater for increased student and staff numbers.
Planning Pathway	The activity comprise of one (1) planning pathway i.e., • **REF**

REF Scope	The activity subject to RFE comprise of the following:
	• Demolition and removal of existing temporary structures.
	• Site preparation activity, including demolition, earthworks, tree removal.
	• Construction of new:
	  ○ 32 permanent general learning spaces and 3 support teaching spaces
	  ○ Administration and staff hubs
	  ○ Hall, canteen and library
	  ○ Out of school hours care
	  ○ Public preschool (standalone building for 60 places)
	  ○ Covered Outdoor Learning Areas (COLAs)
	  ○ Outdoor play areas, including games courts and yarning circle
	  ○ New at-grade car parking
	  ○ Extension of the existing drop-off / pick-up area and new bus bay
	  ○ Realignment of the existing fencing
	  ○ Associated stormwater infrastructure upgrades
	  ○ Associated landscaping
	  ○ Associated pedestrian and road upgrade activity

3.2 The Activity Construction Staging

The project aims to maintain operational continuity for the schools, whilst deliver the project in a safe, effective, and efficient manner within a live operating environment. Relocation and utilisation of temporary learning spaces and amenities are proposed to meet the school's enrolment demands during the construction period.

For Gillieston Public School Redevelopment and New Public Preschool, the activity have been broadly divided into the following two (2) stages:

Stage	Activity Involved
Stage 1 **New Learning Building, Public Preschool, Busbay and Gillieston Road Public Domain Works.**	• Site Establishment, • Neighbouring and the Council Stormwater works. • All activity required for the Completion of the New Learning Building, • All activity required for the Completion of the Public Preschool, • Construct Busbay and Gillieston Road Public Domain Works, • Construct eastern sections of the Northview Street Kiss & Drop Public Domain Works, • Associated Landscaping, • Decant into New Learning Building and Public Preschool
Stage 2 **New Hall, OOSH, Car park and Ryans Rd and Northview Street Public Domain Works**	• Hall and OOSH Demountables Relocation and associated decanting to facilitate construction of New Hall and OOSH Building, • Site Shed Relocation • Construct New Hall and OOSH Building, • Completion and handover of New Car park • Construct Ryans Rd and Northview Street Public Domain Works (North view street western section of Kiss and Ride, crossings etc), • Demolish existing carpark adjacent to Heritage Cottage, • Construct New Basketball Court, • Construct Landscaping and associated pathways • Decant into New Hall and OOSH Building • Removal of Hall and OOSH Demountables and complete associated landscaping

Gillieston PS proposed stages for construction activity are illustrated in Appendix A of this report.

3.3 Construction Program

The following shows the indicative program milestone dates for the construction activity.

Milestones for Gillieston Public School Redevelopment and New Public Preschool	Target Completion Date
Planning Approval Submission	December 2024
Site Establishment	March 2025
Proposed Construction Period	March 2025 to January 2027
Commencement of Operations	Day 1, Term 1, 2027

4 Responsibilities and Authorities

4.1 Roles and Responsibilities

Position	Responsibility
Project Manager	Comply with the group's WHS and Environmental Management Policies, Plans and Procedures. Inspect that safe work methods are adopted for all site activities. Participate in WHS meetings (i.e., toolbox talks etc). Participate in Safety Committee Meetings (i.e., meeting concluding safety walk). Identify and document potential risks to projects and develop effective control strategies to minimise risk. Understand the relevant project specifications and drawings. Monitor work against specifications to ensure the continuing quality and accuracy of work performed. Ensure construction activity precede in accordance with all relevant contractual requirements. Management of construction progress and the successful completion of all nominated contracts. Ensure that quality levels are achieved in accordance with the contractual obligations, as well as the group's expectations. Ensure the timely processing of all progress claim valuations, variations, other relevant claims and subcontractor claims.
Head Contractor	Development of a formal Construction Environmental Management Plan prior to the commencement of Construction. The Construction Manager is responsible for the project's overall delivery. Complying with the group's WHS, Environmental, Quality, IR and Human Resources Management Systems. Ensuring construction activity are completed in accordance with all relevant contractual requirements. Leading project teams to achieve desired project outcomes. Accepting full responsibility for the achievement of construction progress and the successful completion of all nominated contracts. Ensuring that quality levels are achieved in accordance with the contractual obligations, as well as the group's expectations. Ensuring that planning and scheduling of activity occurs as required. Maximising the group's commercial position at each level and stage of the project. Development, review and submission of reports to the Project Manager as

	required. All other responsibilities as outlined in the relevant Position Description.
Site Supervision	TO be developed by the Contractor when awarded.
Architect and Consultant Team	Manage and coordinate internal resources to support the requirements of the project. Facilitate client decisions to ensure coordination, deliverables and timing of outputs. Identify and manage commercial risk associated with design outputs and deliverables. Identify and manage risks related to safety in design. Assess and identify any gaps in consultant scopes and Agreements to confirm coordination across the design. Instigate and maintain standard preconstruction “management tools”. Ensure Authorities obligations and requirements are being delivered in the design documents. Assist in the formulation of Ecological Sustainable Development (ESD) initiatives required to achieve project targets and obligations. Monitor ESD deliverables for incorporation in design outputs and construction obligations.

4.2 Project Organisation Chart

The Project Organisation Chart is provided below and outlines the key project groups and their relationships.

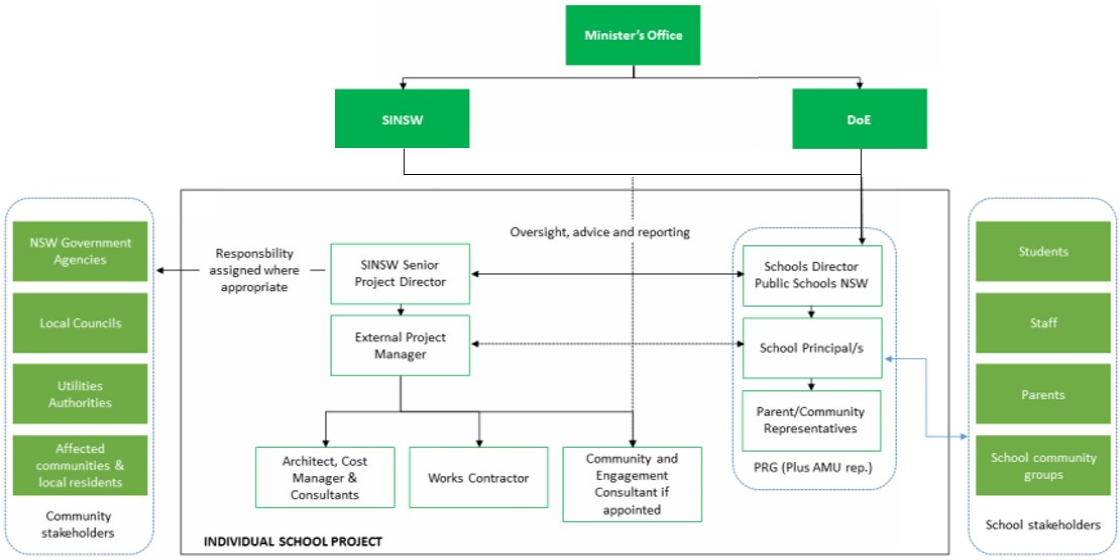


Figure 4 – Organisation Chart

4.3 Legislative Requirements

The activity will be undertaken is accordance with Legislative Requirements including but not limited to:

- National Construction Code 2021 comprising the Building Code of Australia;
- Protection of the Environment Operations Act 1997 and Regulations;
- Environmentally Hazardous Materials Act 1985;
- Protection of the Environment Administration Act 1991 and Regulations;
- Work, Health & Safety Act 2017 and relevant codes of practice and standards;
- Australian Standard 2601-2001: Demolition of Structures;
- Environmental Planning and Assessment Act 1979;
- Heritage Act 1997;
- Local Government Act 1993; and
- National Parks and Wildlife Act 1974.

4.4 Utility Provider and Associated External Approvals

At various stages external approvals of components of the activity will be required. This will include:

- Maitland City Council (water, sewer, traffic);
- Jemena (gas);
- Ausgrid (or local electricity provider);
- NSW Fire and Rescue;
- Transport for NSW (Roads and Maritime Services);
- Communication providers; and
- Other relevant utility providers.

The approach required to manage these various authorities will be dependent on the respective requirements, however prior coordination with SINSW will be necessary to ensure all approaches are aligned and coordinated with, early engagement will mitigate potential delays and identify potential issues ahead of time and contact consistency will be crucial.

In general, the following principles will be adopted for services shutdowns or when disconnecting services:

- Services impacts on the existing facility will be investigated with full coordination, development and input with the Client and all relevant Stakeholders;
- Impacts on the surrounding/adjacent site users will be kept to a minimum, which may result in ‘out of hours’ being required;
- All relevant Statutory Authorities will be consulted prior to the activity commencing to ascertain lead times and correct termination locations;
- All terminations will be undertaken in accordance with SINSW requirements;

- All termination will be undertaken by suitably licensed contractors;
- A minimum of two weeks' notice is to be provided to any third party that will be impacted by any service disruption and disruption is to be minimised; and
- For locating and dealing with existing services, the Head Contractor is to comply with the requirements of GC21 Edition 2 Preliminaries (Existing Services).

5 Site Operations and Management

5.1 Prior to Commencement of activity

Prior to the commencement of the activity, the Head Contractor will:

- ascertain all relevant project information, applicable Standards, Statutory requirements and Conditions, including all Authorities having jurisdiction over the activity;
- obtain all relevant insurances, permits and approvals and pay all associated fees, including any outstanding Long Service Leave Levies;
- ensure a copy of the REF is filed on site for reference throughout the activity.

The Head Contractor will complete a dilapidation survey of existing infrastructure that may be impacted by the activity, including covering roads, footpaths, and external areas of existing buildings located adjacent to the construction site. The resulting report will be provided as a pre-commencement record of the existing built activity adjacent to the construction areas.

5.2 Activity Areas

Prior to the commencement of the activity, physical separation of the site from the street and the school will be established through Class A Hoarding or appropriate fencing to that satisfaction of the Principal. Temporary footpaths will be established where it is deemed required for public access. Site accommodation will be located within the site boundary to accommodate construction workers and site visitors.

5.3 Site Establishment

The Head Contractor will provide and maintain all necessary temporary facilities required for the safe and secure performance of the activity, including, but not necessarily be limited to:

- first aid facilities;
- hoardings;
- storage compounds;
- site administration facilities;
- work sheds (including decontamination facilities where applicable) and changing areas for the use of the remediation contractor, all subcontractors and consultants;
- cranes;
- site amenities;
- temporary site sheds; and
- bins for rubbish generated by personnel;
- access equipment, including scaffolding, barriers, platforms, ladders, etc;
- construction plant; and
- emergency vehicle access.

The following table summarises the measures that will be implemented prior to commencement of the activity at the site.

Item	Description
Control of site	Site control will ultimately be the responsibility of the Head Contractor.
Access	Access to the site will be controlled by the Head Contractor performing the activity and the site will be off limits to all non-essential personnel. The public will not have access to this area of the site.
Supply of utilities	The installation and commissioning of all temporary site services (e.g., electricity, water, sewerage and telecommunications) required for the duration of the activity will be installed to the requirements of the appropriate regulatory authorities. All approvals in respect to the installation, operation and eventual removal of temporary services will be obtained.
Contractor's facilities	All site accommodation and facilities required for the activity will be established in conformance with relevant regulations and authority's requirements. Existing site infrastructure may be utilised for this purpose. Licensed persons in accordance with statutory requirements for the specialist activity in question will carry out all connections.

Site accommodation will be located within the site boundary to minimise any impact on the local community and site access will be controlled through appropriate security controls. Accommodation and amenities for the construction workforce will be provided in demountable site sheds. These site sheds will be erected, relocated and disestablished throughout the redevelopment to cater for fluctuating workforce demand and moving work areas. All site accommodation will be joined by covered walkways to ensure the workforce and office staff can move around the area and stay dry from any inclement weather. The site perimeter will be secure at all times with no unauthorised access permitted.

5.4 Public Safety and Amenity

Hoarding/fencing will be installed as required to optimise public safety and to prevent public access to, and maintain security of, the activity. These measures may be staged throughout the activity so as to minimise disruption to surrounding site users. The key issues to consider for Public Safety and Amenity include the following:

- Strictly controlling where construction will interface with the public;
- Selection of equipment and low impact construction methods to mitigate noise, dust and vibration impacts does not impact where possible.
- Regular construction risk assessment using the Interface Strategy principles to identify areas of potential interface that may affect business continuity;
- Undertake a holistic integrated system testing and commissioning process;
- Stakeholder notices / updates.

The project team understands the disruption the project will bring to the various stakeholders and the importance of communicating the construction programming the staff, pupils, pupils' families and public. The better the stakeholders understand of the timing and reasoning of the activity, the more comfortable they will be with the temporary inconveniences.

A set of staging plans covering the activity phases may be required, including:

- All site establishment items;
- Changed or modified egress paths;

- Pedestrian and vehicle circulation route changes;
- Temporary signage requirements;
- Upcoming changes to activity areas including approximated program dates; and
- Projected completion and handover areas.

5.5 Construction Hours

Activity are proposed to be generally undertaken between the hours of 7.00am to 6.00pm and Saturday 8.00am to 1.00pm. These hours will be subject to the Hours approved in the REF.

In addition to regular working hours, there will be occasional periods when out of hours activity will be necessary. This may include special deliveries, hoarding installation and removal, and services connections. Crane installation and removal may need to be undertaken over a weekend, utilising both Saturday and Sunday to minimise impacts on the surrounding areas.

Occasional night activity, and activity on Sundays or public holidays, would be required where dictated by authority requirements (such as road closures) or for worker or public safety (such as utilising cranes for special lifts and activity around Namona Street).

Construction activities would be locally enclosed by hoarding or temporary fencing staged according to the activity. Site vehicle access would be via temporary access points, as per the Preliminary Construction Traffic Management Plan (included in the REF documentation).

The Head Contractor will determine the necessary out of standard construction activity hours with SINSW, Transport for New South Wales (TfNSW), Transport Management Centre (TMC), and Maitland City Council to address the approvals and additional measures required prior to scheduling any out of hours activity. This may include activity such as the dismantling of hoardings, public domain activity, service connections and other activity that interface with the surrounding facilities.

Such permission may be sought where special requirements exist e.g., for oversized deliveries or activity which need to be carried out when students are not present on the site.

5.6 Inductions

The project induction will train new workers on project specific safety and emergency procedures; however, the key focus will include interface controls, including:

- The requirements of the REF and mitigation measures;
- Working hours;
- Traffic Management;
- Construction methodology;
- Disruptive activity Procedure: All workers will be made aware of their responsibilities towards understanding what constitutes disruptive activity and understand the timeframes associated with preparing to carry out any such activity; and
- Working Adjacent to Local Residential and Business Properties: All workers will be made aware of the need to ensure positive contractor behaviour at the approach and on site, including minimising disruptions to local parking and access; and

5.7 Materials Handling

Given the anticipated site constraints a detailed cranage analysis will need to be undertaken to determine the type, size, position and quantity of cranes required for the most efficient material handling solution for the project. Through this exercise the following selection criteria will be considered to all crane positions:

- Coverage for the site;
- Ability to service plantroom areas;
- Capacity for heaviest lifts;
- Minimal disruption to site roads and traffic flow;
- Minimal disruption to internal fit out;
- Ability to service all stages of project from chosen location;
- Redundancy in coverage to account for breakdown or emergency;
- Access to erect and dismantle of cranes.

A significant amount of space is required to sort the material to ensure the piece install is smooth and efficient. The site may utilise a forklift or telehandler to assist with unloading, general materials handling, and bins.

5.8 Managing Risks within an Operational School Environment

Gillieston PS will maintain operations throughout construction and as such there are key risks that will be present and need to be managed. The following activities through construction and development have the potential to impact on the surrounding stakeholders if not managed effectively and communicated proactively:

- Access and traffic management;
- Planning and management of any major shutdowns;
- Minimising and controlling disruptions;
- Protection of existing school assets;
- Emergency after-hours call-out;
- Hazardous material identification and removal;
- Items of Heritage significance;
- Items of Archaeological significance;
- Noise, dust and vibration control; and
- Out of hours work.

The Head Contractor will be required to prepare and implement various Management Plans that outline clear and concise communication channels for each area of interface activity:

- Stakeholder Management Plan;
- Risk Management Plan;
- Disruptive Activity Notification Procedure; and
- Construction Environmental Management Plan.

6 Environment Health and Safety

The Head Contractor will prepare and implement a comprehensive Environmental Management Plan (EMP) to ensure compliance with all relevant Statutory requirements and the requirements of the DoE. This plan will be developed in consideration of the following:

- Protection of Environmental Operations Act 1997;
- Protection of the Environment Operations (Noise Control) Regulation 2000;
- WHS Act 2011;
- Protection of the Environment Operations (Clean Air) Regulation 2002;
- Waste Avoidance and Resource Recovery Act 2001;
- Protection of the Environment Operations (Waste) Regulation 1996;
- Environmentally Hazardous Chemicals Act 1985; and
- Environmentally Hazardous Chemicals Regulation 1999.

The following sections outline the environmental management principles to be implemented.

6.1 Contamination

6.1.1 Contamination and Remediation

Stantec Australia Pty Ltd (Stantec) conducted a preliminary desktop site investigation (PSI) in March 2023, supervised interim remedial activities in May 2023, and performed detailed site (contamination) investigations (DSI) in July 2024. According to these investigations, the contamination existing and requiring remediation comprises of lead levels that exceed human health standards. Lead, zinc, and nickel also exceed ecological standards in some areas. Bonded ACM and friable asbestos exceeding human health requirements were also discovered during a previous site inspection, however these were remedied during the initial site remediation.

Stantec prepared a Remediation Action Plan to be implemented during the construction phase of activity. The proposed strategy for remediation of the contaminated fill material comprises of capping of impacted soils. A validation report and long-term environmental management plan (EMP) is required to be prepared on completion of remediation activities. Stantec are of the opinion that the site can be made suitable for the proposed activity provided this RAP is implemented accordingly.

Having regard to the above, with the implementation of the proposed recommendations, the site can be made suitable for the proposed activity having regard to the potential for contamination of the land.

6.1.2 Unexpected Finds

The stripping of surface soils may reveal the presence of fragments of asbestos sheeting or other unexpected contaminants with the potential to pose human health risks if not managed appropriately. If soil is encountered during the activity which appears to be potentially contaminated and appears to be different from the soils otherwise encountered to date, or point sources of contamination such as buried drums or wastewater interceptors are encountered, the following procedures will apply:

- Any suspicious material/soil which have been excavated will be stockpiled on bunded, strong, impermeable plastic sheeting, protected from erosion and all seepage retained (divided into domains or stockpiles representing similar material types);
- Excavation activity at that part of the site where the suspicious material (soil, asbestos containing material or physical find) was encountered will cease until an inspection is carried out by an appropriately qualified environmental consultant or its representative;

- Based on visual inspection, the environmental consultant will provide interim advice on construction health and safety, soil storage and soil disposal to allow other activities to proceed if possible; and

- Based on sampling and analysis of the material, the environmental consultant will provide advice based on a comparison of the laboratory test results to appropriate criteria relating to human health, potential environmental impacts and waste disposal.

In the context of the above, “suspicious” material would include, but is not limited to, oily materials or materials with unusual odours, drums, metal or plastic chemical containers, buried solid waste, ash, slag, coke or brightly coloured material etc.

Asbestos at the site would need to be managed through the implementation of an Asbestos Management Plan. Upon discovery of any suspected asbestos containing material (ACM) at the site, an Asbestos Management Plan will be implemented with the following actions to be taken immediately:

- stop all activities that may disturb the materials;

- inform the site operator of the discovery;

- suspend work until it has been determined whether the material in question contains asbestos; and

- physically quarantine the area with a signed barrier stating, “Danger Asbestos”.

6.2 Archaeology Material

An Aboriginal Cultural Heritage Assessment Report (ACHAR) has been prepared by EMM Consulting and provides an assessment archaeological potential for the site. The project area contains one Aboriginal site, AHIMS #38-4-2290, a small isolated scatter of artefact located on the ground surface adjacent to a tree stump. It is considered that this artefact is present in a secondary context. This conclusion was supported by the results of the test excavation, which revealed a heavily modified soil profile and no additional buried cultural material.

No ground disturbance activities are permitted within 10 m of identified Aboriginal site AHIMS #38-4-2290 (GilliePS-2024-AS1), without obtaining an Aboriginal Heritage Impact Permit (AHIP) to allow impacts from Heritage NSW. Given the paucity of cultural materials encountered, no further archaeological mitigation is proposed for inclusion in the AHIP.

6.3 Noise and Vibration

The existing local site users that would be most impacted by potential construction noise and vibration would be the residences adjacent to the school to the north, students and staff attending the school. All practicable measures will be taken to reduce the noise and vibration arising from the activity. Noise and vibration shall not exceed the limits set out by the NSW Environmental Protection Authority.

As part of the noise and vibration mitigation treatment for the project, the Head Contractor will be responsible for the checking of compliant maintenance regimes and Statutory supervision of all equipment. Proposed noise and vibration mitigation treatments will be included in the Head Contractor’s CEMP.

6.4 Air Quality Management

Objectives for the project are to implement appropriate controls to suppress dust and other suspended particles in accordance with legislation, as well as management requirements minimising the generation of dust on the site and potential emission issues relating to plant and equipment. Strategies for air quality management includes:

- Clear definition of trafficable and material storage areas to prevent unnecessary vehicle movement into other areas;

- Use of water carts to dampen work areas and exposed soils to prevent the emission of excessive dust;
- Installation of a wheel shaker grid and/or wash down facilities at the vehicle egress point during excavation activity;
- Ensuring trucks transporting materials to and from the site use covers to prevent windblown dust or spillage;
- Ensuring truck tailgate locking mechanisms are operational and in use;
- Periodic inspection of surrounding roads to ensure no construction contamination and initiation of road sweeping if required;
- Careful selection of materials for temporary road surfacing;
- Subcontractors to maintain equipment / machinery to ensure exhaust emissions comply with relevant legislation and guidelines;
- All waste material to be sorted, collected and removed from site (for recycling where possible); and
- Air quality monitoring.

6.5 Odour Control

The amount of odour generated by the activity will be influenced by the extent of open excavation stockpiles, weather conditions and the quality of excavated material.

Odour management will address the following key issues:

- Location and cause of odour;
- Minimisation of odour and its source;
- Odour management response procedures; and
- Implementation of an odour monitoring regime.

If air quality is considered to be unsatisfactory, the Head Contractor will conduct appropriate activity to rectify the ambient air quality to an acceptable standard within the shortest time practicable.

6.6 Vegetation Protection

The Head Contractor's CEMP will detail the measures that will be implemented to protect trees and vegetation being retained throughout the activity. The Head Contactor will ensure areas of native Fauna are preserved through fencing and signage accordingly to avoid any damage and any conservation measures currently in place will be maintained.

The Head Contractor will also minimise the spread of weeds and grasses. This may include covering long-term stockpiles and bare areas with shade cloth or revegetating to minimise the establishment of weeds. Land clearing shall be minimal and staged to reduce the total area of cleared land at one time.

6.7 Sediment and Erosion Control

A Civil Engineering Design Report has been prepared by ACOR consultants and generally outlines the controls that will be implemented to manage sediment and erosion during construction. Any discharges from the site will be strictly controlled to ensure hazardous materials and contaminants are contained in accordance with the requirements of all relevant Authorities and guidance, particularly the "Blue Book" – Managing Urban Stormwater: Soils and Construction (Landcom, 2004) and the requirements of Maitland City Council. Erosion and sediment controls will be required preconstruction, during construction and

post construction until the site is stabilized. The expected erosion and sediment control measures will include stabilized site access, sediment fence, gully pit sediment barriers and a temporary sediment basin (if applicable).

The site will be continually cleaned of rubble to minimise possible sediment flow during rainfall periods. Stormwater kerbs and drainage lines will be fitted with silt barriers (or the like) to slow run-off and reduce erosion/discharge from the site. Silt barriers will be replaced when 30% of their capacity has been reached and other control equipment will be inspected and maintained, particularly during heavy rainfall periods, and replaced when no longer effective.

6.8 Hazardous Materials

All hazardous materials (including subcontractors' materials) shall be registered by the Head Contractor and stored in an impervious Hazardous Materials Store which will be properly maintained to ensure that it has not deteriorated and remains effective.

A spillage kit (dry absorbent material – sand, saw dust or oil absorber) shall be on site and its location communicated. A licensed waste disposal contractor shall carry out transport and disposal of spillages.

The discovery of unexpected hazardous materials or contamination will be dealt with in accordance with Council, the NSW EPA and WorkCover requirements, in consultation with the project team members as required.

7 Construction Traffic Management

7.1 Construction Access and Vehicular Routes

The Head Contractor's Construction Traffic Management Plan (CTMP) will detail the general construction traffic and pedestrian management and controls to be implemented through construction.

Construction vehicles are expected to approach and depart from the sites via Gillieston Road from the and Ryans Road. The anticipated vehicular ingress and egress routes are outlined in Traffic Impact Assessment Report.

7.2 Construction Vehicles and Truck Movements

Vehicles that will access the site during the activity will comprise Articulated Vehicles and Small-Heavy Rigid Vehicles. Proposed truck types to be used during the activity include:

- Demolition material removal trucks;
- Spoil and excavation removal trucks.
- Concrete trucks
- Rigid delivery trucks; and
- Semi-trailers for large equipment and plant (subject to access).

All heavy goods such as machinery plants will be delivered outside of peak traffic hours and school peak hours. Applications for 'out of hours' activity will be considered on a case-by-case basis. All out of hours applications will need to be approved by the relevant authority.

Delivery of construction materials would occur outside of road network peak hours in order to reduce the impact on the surrounding road network. The contractor will have to coordinate all deliveries with the school and ensure that no pedestrian and cyclist activity is occurring at the delivery sites.

Road network impacts by worker traffic to the site will be mitigated by the construction workers generally starting earlier and finish earlier than the commuter peak periods and would likely not coincide with the school or road network peak periods. Construction workers driving to sites in constrained parking environments will be encouraged to carpool, further reducing the impact on the road network.

The impact of construction traffic will be discussed once specific construction details are provided however vehicle volumes are expected to be low, in the order of 10-20 vehicles per day with approximately 10 vehicles in the busiest construction period. This usually occurs during concrete pours or the demolition phase. The traffic generation of this magnitude is less than the number of trips generated and assessed for the operational phase of the development and therefore the potential impacts are anticipated to be minimal.

7.3 Mitigation measures

Mitigation measures would be adopted during the construction phase to ensure traffic movements have minimal impact on surrounding land uses and the community in general, and would include the following:

- Truck loads would be covered during transportation off-site;
- Neighbouring properties would be notified of construction activity and timing. Any comments would be recorded and taken into consideration when planning construction activities;
- All activities, including the delivery of materials would not impede traffic flow along local roads;
- Materials would be delivered, and spoil removed during standard construction hours;

- Avoid idling trucks alongside sensitive receivers; and
- Deliveries would be planned to ensure a consistent and minimal number of trucks arriving at site at any one time.

To manage driver conduct the following measures are to be implemented:

- All truck movements will be scheduled;
- Vehicles are to enter and exit the site in a forwards direction along the travel path shown on delivery maps; and
- Drivers are to give way to pedestrians and plant at all times.

Traffic Controllers will be used to stop traffic on the public street(s) to allow trucks to enter or leave the site. Where possible, vehicles must enter and exit the site in a forward direction. They must wait until a suitable gap in traffic allows them to assist trucks to enter or exit the site. The Roads Act does not give any special treatment to trucks leaving a construction site, the vehicles already on the road have right-of-way. Vehicles entering, exiting and driving around the site will be required to give way to pedestrians at all times.

7.4 Pedestrian and Traffic Safety

A majority of the activity will be carried out within the compounds of the school. Pedestrians and cyclists will be diverted and controlled by traffic controllers as necessary when larger vehicles wish to access the site. They will control pedestrians as well as vehicles. Pedestrians and cyclists will be directed through appropriate fencing/hoarding within the school.

Pedestrian and cyclist routes past the site will be protected during construction where required. Fencing and/or hoarding in accordance with the relevant standards will be provided around the site to provide protection and prevent unauthorised access. Where activity are required in the public domain, safe routes will be provided around the activity, which will require a site-specific management plan.

8 Construction Waste Management Plan

A Construction Waste Management Plan (CWMP) will be developed by the Head Contractor prior to commencement of construction activity on site. Periodic review of this CWMP will be undertaken to ensure continual compliance with environmental regulations and standards.

8.1 Waste Management / Recycling Principles

The main source of waste associated with the construction activity 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 activity. Waste generated as a result of construction will be minimised, recycled, reused or recovered, where practical. The Head Contractor will be required to achieve compliance with the EPA guidelines.

The following measures are encouraged in the management and reduction of waste to minimise the loss of natural resources and landfill space:

- Emphasise the importance of recycling and waste reduction;
- Reduce the amount of waste material produced on the project by ensuring that only enough materials required to perform the activity are ordered;
- Any excess materials from particular work areas are to be retained and incorporated into other work areas where practical;
- 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;
- Encourage the use of recycled materials where it is reasonably practical;
- Minimise the use of packaging materials and recycle packaging materials where possible;
- Waste concrete to be sent to a concrete recycling plant where possible; and
- Separate removed native vegetation from general construction waste, mulched and stockpiled for re-use.

8.2 Legislation

Relevant Waste management legislation and guidelines applicable to the project are listed below:

- NSW Environmental Planning and Assessment Act 1979
- NSW Environmental Planning and Assessment Regulation 2021
- NSW Protection of the Environment Operations Act 1997
- NSW Protection of the Environment Operations (General) Regulation 2021
- NSW Waste Avoidance & Resource Recovery Act 2001
- ISO 14001:2015 Environmental management systems - Requirements with guidance for use
- NSW Government Environmental Management System Guidelines (3rd Edition – 2013)

8.3 Non-Recyclable Waste

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

8.4 Waste Collection & Disposal

Appropriate waste bins are to be provided by the Head Contractor and made available to all site personnel. All site personnel shall be directed to place waste in the bins provided. This shall be included in the Site Induction. Dedicated waste collection points will be nominated with a waste management loading zone.

8.5 Hazardous Materials

When hazardous Materials are disposed off site, it should be classified in accordance with the EPA Waste Classification Guidelines (2014) and disposed of to a suitably licensed landfill. In dry and windy conditions, the stockpile would be lightly wetted and covered with plastic sheet whilst awaiting disposal.

8.6 Waste Reporting

Waste generation is to be monitored by the Head Contractor on a regular basis to ensure that the company's waste reduction objectives are achieved. Waste disposal quantities are monitored to ensure compliance. The Contractor will record waste disposal data.

8.7 Concrete Waste & Washout

Concrete trucks and pumps shall be washed out at designated locations. 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.

8.8 Further 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 activity 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 licensed 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 Protection of the Environment Operations Act 1997).
- The Waste management strategy for the project will operate over the design, procurement, and construction including fit out of the project. Refer table below.

Management Strategies
Design • Use of prefabricated components in design • Design for materials to standard sizes • Design for operational waste minimisation
Procurement • Select recycled and reprocesses materials • Components that can be reused after deconstruction
Pre-construction • Waste strategy to be revised and approved prior to construction
Construction on-site • Use the avoid, reuse, reduce, recycle principles • Minimisation of recurring packaging materials • Returning packaging to the supplier • Separation of recycling of materials off site • Audit & monitor the correct usage of bins • Audit and monitor the waste contractor

8.9 Further Waste Management Methods

The waste subcontractor will supply builder's waste bins for onsite collection and storage of general waste material. It is required that the waste facility will recycle a minimum of 80% of the material brought to their recycling depot. The individual recyclable waste streams are outlined below.

- Concrete;
- Bottles, Cans and Plastics;
- Bricks;
- Timber;
- Steel;
- Cardboard and white paper.

The following figure outlines the general principles for the prevention of waste.

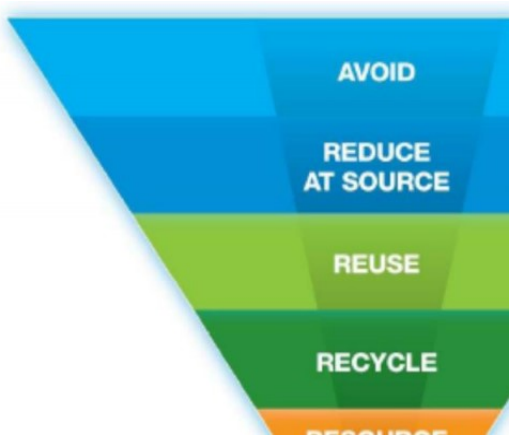


Figure 6 – Waste Prevention Principles

Any removal of any waste from the project site shall be tracked using either the Head Contractor's site documentation (daily work books, etc.) or by any Authority's waste tracking forms when applicable. Inspections of waste disposal certificates and weighbridge dockets will be required to verify that waste has been appropriately disposed at NSW EPA approved sites and also to verify the quantity of waste removed from site.

Part 16 of the Regulations specify that if waste is transported from a premise, the waste generator must ensure that the waste is transported:

- to a waste facility that is licensed under the Act; or
- to a person carrying on mobile waste processing that is licensed under the Act; or
- to a place that can otherwise lawfully be used as a waste facility for that waste.

Part 6 also states that a person must not, in the course of business, transport by motor vehicle any waste that is generated in NSW (other than restricted solid waste) to any place in or outside of NSW, unless the place can lawfully be used for the disposal of that waste and one of the following applies:

- the place is 150 kilometres or less from the premises of origin of that waste; or
- the place is more than 150 kilometres from the premises of origin and is the closest or second closest to those premises of the places, in or outside New South Wales that can lawfully be used for the disposal of that waste.

8.10 Operational Waste Management Plan

An Operational Waste Management Plan (OWMP) must be prepared by the school post redevelopment which identifies the different waste streams likely to be generated during the school's operational phase of the activity, including:

- General Waste;
- Cardboard/Paper Recyclables; and
- Co-mingled Recyclables.

This OWMP is to be implemented during the operational phase of the school and outlines best practice waste management for the school (post activity) including waste generation estimates, waste disposal and collection procedures.

9 Stakeholder Management

9.1 Consulting and Communicating

The planning and implementation of the activity will be completed in accordance with all relevant requirements of Statutory Authorities, including:

- Maitland City Council;
- NSW Office of Environment and Heritage;
- NSW Environmental Protection Agency;
- Sydney Water;
- Transport for NSW (Roads and Maritime Services); and
- SafeWork NSW.

SINSW is also undertaking extensive ongoing consultation with the schools and the wider community to inform them and seek their feedback. The project will also provide appropriate core facilities to best practice teaching in line with the Department of Education's *Education Facilities Standards and Guidelines* (EFSG) and to facilitate 21st Century and Future Focused Learning objectives.

A Community Communication Strategy will be used to engage with stakeholders in relation to the construction activity programme and managing complaints and enquiries. The potential for negative environmental and amenity impacts during construction, although over a relatively short duration, would be reduced though environmental management during construction, ongoing community engagement and provision of project information such as operating hours and traffic routes.

Due to the nature of the proposed construction activity and the proximity of the site to the local community, appropriate mitigation measures and safeguards are required to avoid the potential for impacts such as:

- Noise and vibration generated during construction activities, affecting adjoining properties;
- Dust generated from construction activities, affecting adjoining properties; and
- Vehicles leaving the construction site depositing construction materials on public roads.

Existing properties directly affected by the construction program would be advised of activity and provided with contact details, which would be supported by a community relations team providing:

- A contacts database for registering, managing and reporting complaints & enquiries;
- A contact number for enquiries & complaints;
- A website with a dedicated email address and feedback forms; and
- Specific information in the form of letters, fact sheets and newsletters for the local community.

The intent is for all activity to be conducted within approved working hours; however, if activity are expected to extend beyond these hours, appropriate stakeholders would be notified prior to these activities.

A Community Consultation Strategy would be implemented to maintain a good neighbour policy with surrounding businesses, residents, and special interest groups during construction.

9.2 Interaction with the Surrounding Community

The following actions will be implemented, which focus on minimising the impacts of construction activity to the community surrounding the site:

- Installation of Construction work zones and the monitoring and maintenance of such;
- Monitor compliance of the Preliminary Construction Traffic Management Plan and the safety and environmental controls to be listed in the CEMP or elsewhere;
- Clear display of contact details on the site temporary fencing for community information and contact in case of emergency;
- Make arrangements for the notification to surrounding properties of activities which may affect their amenity, including the provision of a 24-hour contact point; and
- Consultation and participation with the local community to address concerns and assess possible community initiatives.

9.3 Dispute resolution

The project team acknowledges the potential for disruption as a result of the activity and proposes that a complaint procedure/complaint register be developed. Should a complaint or infringement occur, the following procedures will be adopted:

- All complaints and infringements are to be brought to the attention of the site manager immediately upon receipt;
- The Head Contractor shall verbally notify SINSW immediately, followed by written notification issued to SINSW by no later than COB of the day of the complaint/infringement (it is the responsibility of SINSW community engagement team to issue a formal response, not the Head Contractor);
- The site manager shall investigate the complaint and ensure appropriate action is taken to address the complaint or infringement within a suitable timeframe;
- A Community Contact Notification form shall also be completed for all complaints and enquiries; and
- A copy of this documentation is to be filed within the site office.

10 Workplace Relations

SINSW, Johnstaff and the Head Contractor are fully committed to providing safe working environment. A site Safety Management Plan (SMP) will be required to ensure that equipment, workplaces and practices comply with relevant regulations and standards. Regular and ongoing reviews of these standards will be conducted and where higher standards are practical and desirable, they will be adopted. In addition, the Head Contractor will:

- Provide adequate resources to satisfy this policy;
- Identify, control and reduce work related hazards and risks that may produce injury, illness or asset damage;
- Identify, quantify and control to safe levels, those chemicals and physical agents in the workplace capable of causing ill health;
- Promote environmental, health, safety and the welfare of employees and subcontractors while respecting the privacy of individuals;
- Provide information, instruction and training for employees to increase their personal understanding of workplace hazards, promote safe working practices and ensure subcontractors are aware of and satisfy these expectations.
- Consult employees and subcontractors in environmental, health and safety to reduce workplace hazards and risks;
- Consult with the project team, industry bodies and others in the development of appropriate standards, control strategies and monitoring techniques, which comply, with the requirements of statutory authorities; and
- Set short- and long-term goals in occupational health and safety management, and review performance against these goals.

A key tool in the management of safety on the project will be the continued improvement of the Head Contractor's Job Safety & Environment Analysis (JSEA) and/or Safe Work Method Statements (SWMS). These will include the following:

- A description of the work to be undertaken;
- An identification of the foreseeable hazards associated with the activity; and
- A description of the hazard control measures to be used.

11 Mitigation Measures

Project Stage Design (D) Construction (C) Operation (O)	Mitigation Measures	Relevant Section of Report
D/C	Prior to the commencement of work, a Construction Management Plan (CMP) is to be submitted to the Certifying Authority for approval.	Refer to Section 5
D/C	Prior to the commencement of work, a comprehensive Environmental Management Plan (EMP) is to be submitted to ensure compliance with all relevant Statutory requirements and the requirements of the DoE	Refer to Section 6
D/C	Prior to the commencement of work, Construction Traffic Management Plan (CTMP) will need to be submitted to detail the general construction traffic and pedestrian management and controls to be implemented through construction	Refer to Section 7
D/C	Prior to the commencement of work, a Construction Waste Management Plan (CWMP) will need to be developed. Periodic review of this CWMP will be undertaken to ensure continual compliance with environmental regulations and standards.	Refer to Section 8
D/C	Prior to the commencement of work, a Work health and Safety Management Plan (WHSMP) will need to be developed. Periodic review of this WHSMP will be undertaken to ensure continual compliance with WHS regulations and standards.	Refer to Section 10

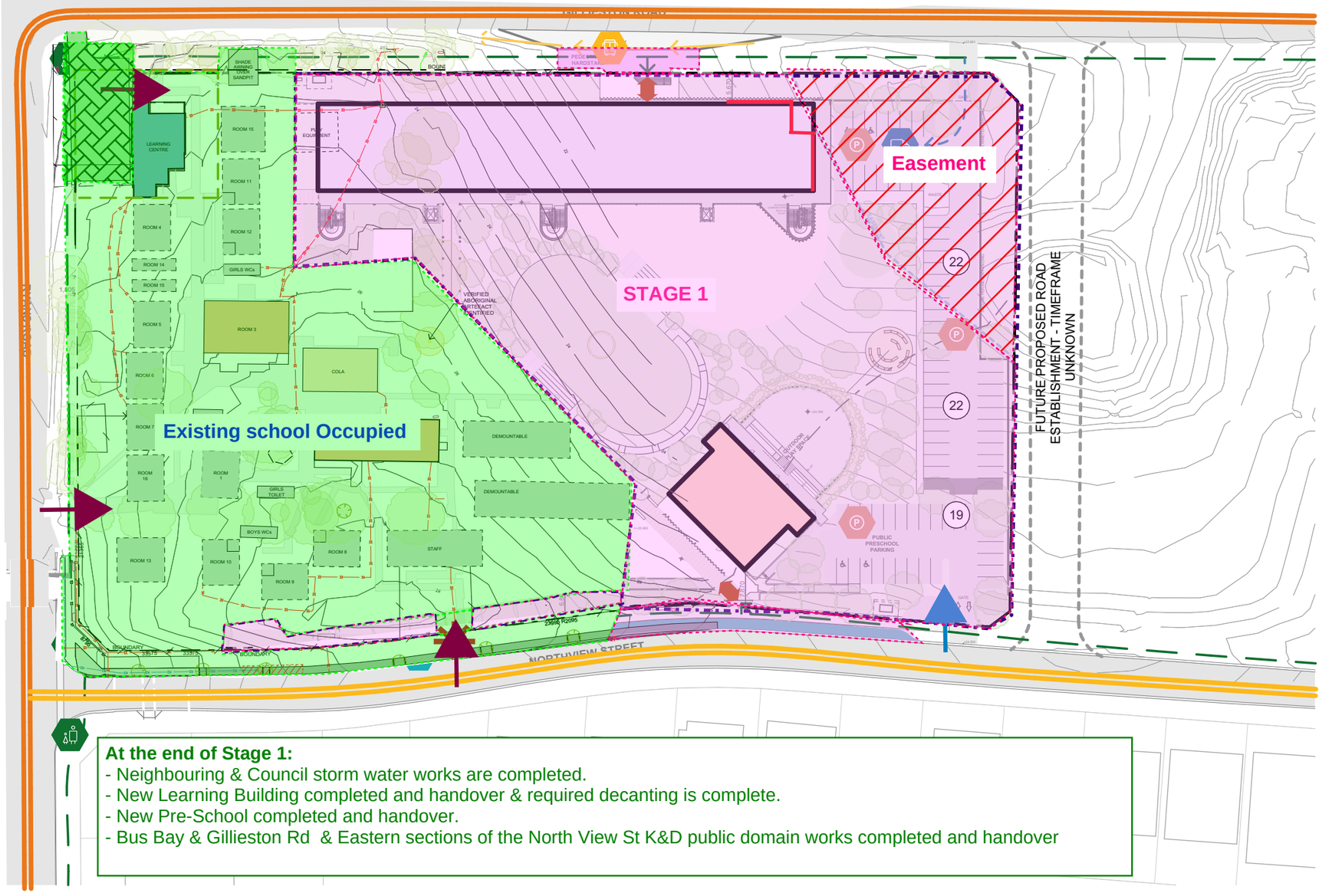
12 Appendices

12.1 Appendix A

Gillieston Public School - Stage 1 Construction Works

Construction works includes:
- Site Establishment
- Neighbouring & Council storm water works
- All works required for the Completion of the new Learning Building & required decanting
- All works required for the Completion of the new Pre-School
- Bus Bay & Gillieston Rd & Eastern sections of the North View St K&D public domain works

Key Notes:
1. Staff will be utilising the existing car park adjacent to Building D (Brick Cottage) on Gillieston Road during Stage 1 Construction Works
2. School Access on Northview Street is retained across Stage 1 Services corridor



At the end of Stage 1:
- Neighbouring & Council storm water works are completed.
- New Learning Building completed and handover & required decanting is complete.
- New Pre-School completed and handover.
- Bus Bay & Gillieston Rd & Eastern sections of the North View St K&D public domain works completed and handover

CONSTRUCTION LEGEND

Easement - This area is in possession of the Contractor. However, works in this area cannot be commenced until neighbouring & council stormwater works are complete

In Construction & Site in possession with the contractor

Existing and Operational

Completed and Occupied

Contractor Site Access

School Access

Hoarding Line

Staff car park

Remediation - This area is required to be remediated and made good prior to Hall and OOSH demountable installation

TECHNICAL OVERLAY

Bus Stop

Carparking

Kiss n Drop

Bicycles and Scooters

Crossings and School Zones

Maintenance and Delivery Access

LEGEND

- FUTURE PROPOSED ROADS
- CAR PARKING
- KISS N DROP & QUEUING ZONE
- BICYCLE / SCOOTER PARKING
- MAINTENANCE / DELIVERY ACCESS
- ACTIVE TRANSPORT LINKS
- MULTIDIRECTIONAL CAR ACCESS
- NARROW CUL DE SAC
- BUSBAY DROP OFF
- ENTRY

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Gillieston Public School
100 Ryans Road & 29 Northview Street

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Nominated Architect Justin Hamilton (6160) | ABN 32 131 584 846

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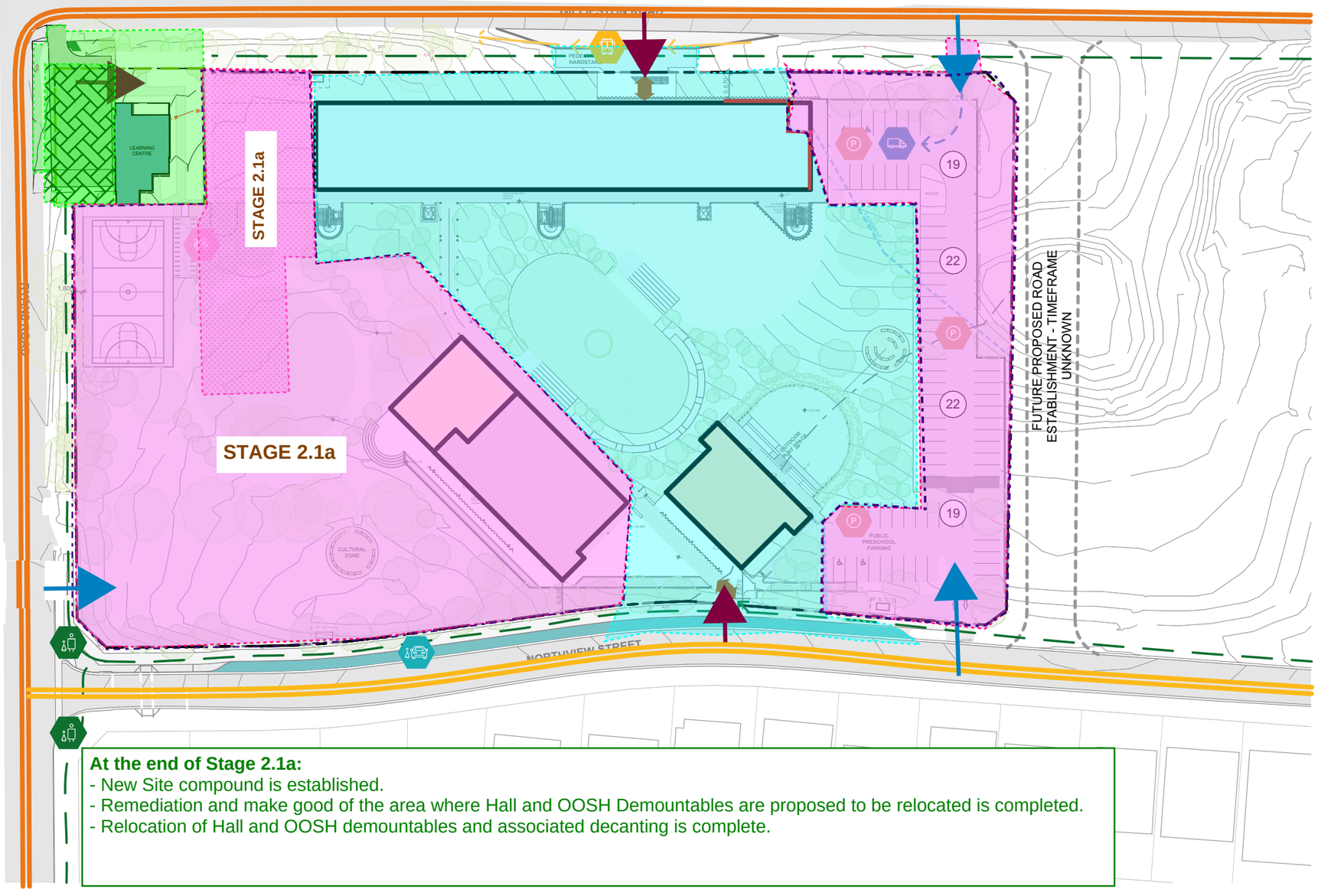
Gillieston Public School - Stage 2 Construction Works

Some parts of Stage 2 works would occur simultaneously

Gillieston Public School - Stage 2.1a Construction Works

Construction works include:
- Site shed relocation.
- Remediation and make good of the area where Hall and OOSH Demountables are proposed to be relocated.
- Relocation of Hall and OOSH demountables and associated decanting to facilitate construction of New Hall and OOSH Building.

Key Notes:
1. Staff will be utilising the existing car park adjacent to Building D (Brick Cottage) on Gillieston Road during Stage 2.1a Construction Works



At the end of Stage 2.1a:
- New Site compound is established.
- Remediation and make good of the area where Hall and OOSH Demountables are proposed to be relocated is completed.
- Relocation of Hall and OOSH demountables and associated decanting is complete.

CONSTRUCTION LEGEND

- Easement - This area is in possession of the Contractor. However, works in this area cannot be commenced until neighbouring & council stormwater works are complete
- In Construction & Site in possession with the contractor
- Existing and Operational
- Completed and Occupied
- Contractor Site Access
- School Access
- Hoarding Line
- Staff car park
- Remediation - This area is required to be remediated and made good prior to Hall and OOSH demountable installation

TECHNICAL OVERLAY

- Bus Stop
- Carparking
- Kiss n Drop
- Bicycles and Scooters
- Crossings and School Zones
- Maintenance and Delivery Access

LEGEND

- FUTURE PROPOSED ROADS
- CAR PARKING
- KISS N DROP & QUEUING ZONE
- BICYCLE / SCOOTER PARKING
- MAINTENANCE / DELIVERY ACCESS
- ACTIVE TRANSPORT LINKS
- MULTIDIRECTIONAL CAR ACCESS
- NARROW CUL DE SAC
- BUSBAY DROP OFF
- ENTRY

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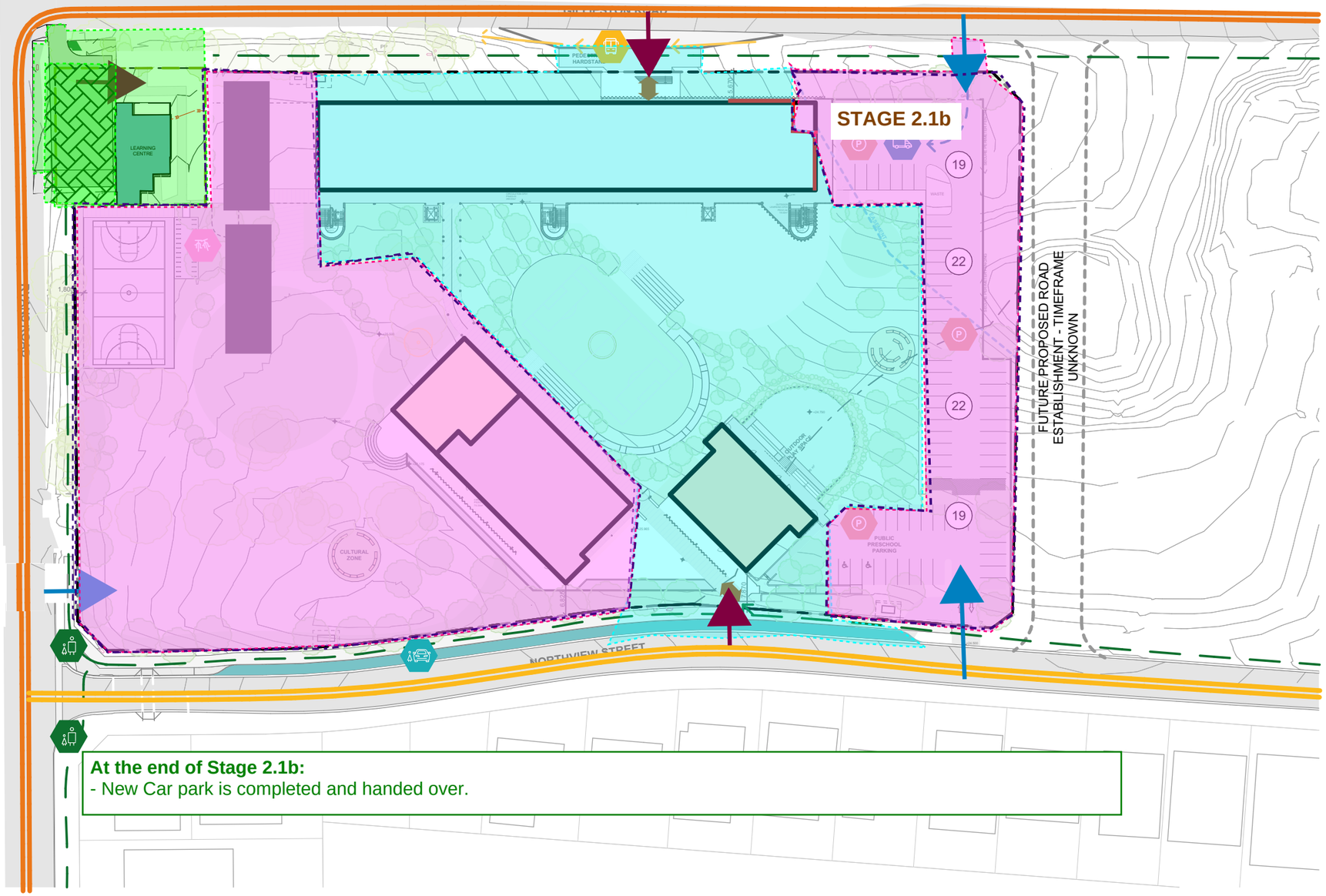
Gillieston Public School - Stage 2.1b Construction Works

Construction works include:
- Construction of New Car park

Key Notes:
1. Staff will be utilising the existing car park adjacent to Building D (Brick Cottage) on Gillieston Road during Stage 2.1b Construction Works



At the end of Stage 2.1b:
- New Car park is completed and handed over.

CONSTRUCTION LEGEND

- Easement - This area is in possession of the Contractor. However, works in this area cannot be commenced until neighbouring & council stormwater works are complete
- In Construction & Site in possession with the contractor
- Existing and Operational
- Completed and Occupied
- Contractor Site Access
- School Access
- Hoarding Line
- Staff car park
- Remediation - This area is required to be remediated and made good prior to Hall and OOSH demountable installation

TECHNICAL OVERLAY

- **Bus Stop**
- **Carparking**
- **Kiss n Drop**
- **Bicycles and Scooters**
- **Crossings and School Zones**
- **Maintenance and Delivery Access**

LEGEND

- FUTURE PROPOSED ROADS
- CAR PARKING
- KISS N DROP & QUEUING ZONE
- BICYCLE / SCOOTER PARKING
- MAINTENANCE / DELIVERY ACCESS
- ACTIVE TRANSPORT LINKS
- MULTIDIRECTIONAL CAR ACCESS
- NARROW CUL DE SAC
- BUSBAY DROP OFF
- ENTRY

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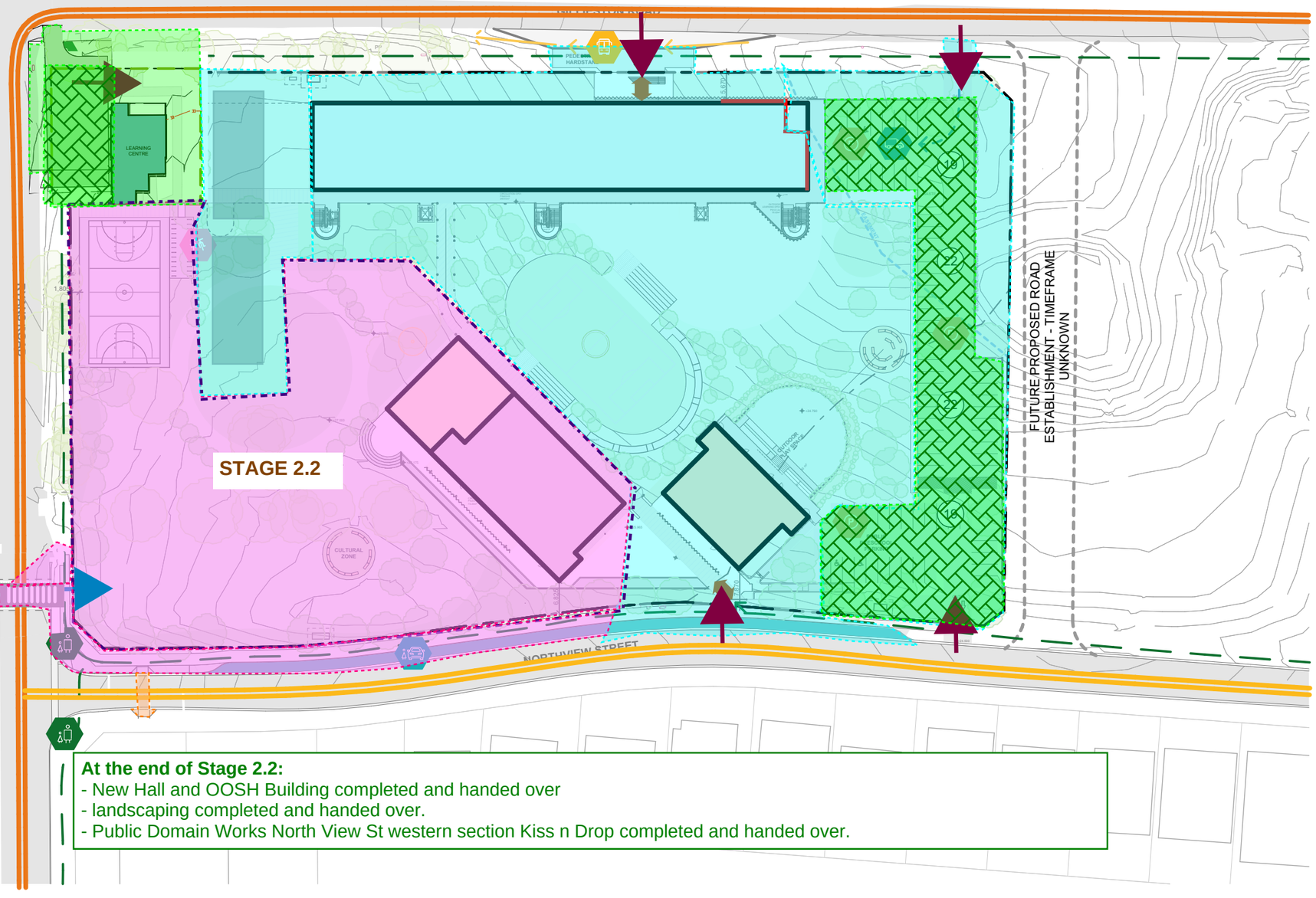
Gillieston Public School - Stage 2.2 Construction Works

Construction works include:
- Completion & Handover of New Hall and OOSH Building
- Completion of landscaping
- Completion of Public Domain Works North View St western section Kiss n Drop

Key Notes:
1. Staff will be utilising the existing car park adjacent to Building D (Brick Cottage) on Gillieston Road and the new car park during Stage 2.2 Construction Works



At the end of Stage 2.2:
- New Hall and OOSH Building completed and handed over
- landscaping completed and handed over.
- Public Domain Works North View St western section Kiss n Drop completed and handed over.

CONSTRUCTION LEGEND

- Easement - This area is in possession of the Contractor. However, works in this area cannot be commenced until neighbouring & council stormwater works are complete
- In Construction & Site in possession with the contractor
- Existing and Operational
- Completed and Occupied
- Contractor Site Access
- School Access
- Hoarding Line
- Staff car park
- Remediation - This area is required to be remediated and made good prior to Hall and OOSH demountable installation

TECHNICAL OVERLAY

- **Bus Stop**
- **Carparking**
- **Kiss n Drop**
- **Bicycles and Scooters**
- **Crossings and School Zones**
- **Maintenance and Delivery Access**

LEGEND

- FUTURE PROPOSED ROADS
- CAR PARKING
- KISS N DROP & QUEUING ZONE
- BICYCLE / SCOOTER PARKING
- MAINTENANCE / DELIVERY ACCESS
- ACTIVE TRANSPORT LINKS
- MULTIDIRECTIONAL CAR ACCESS
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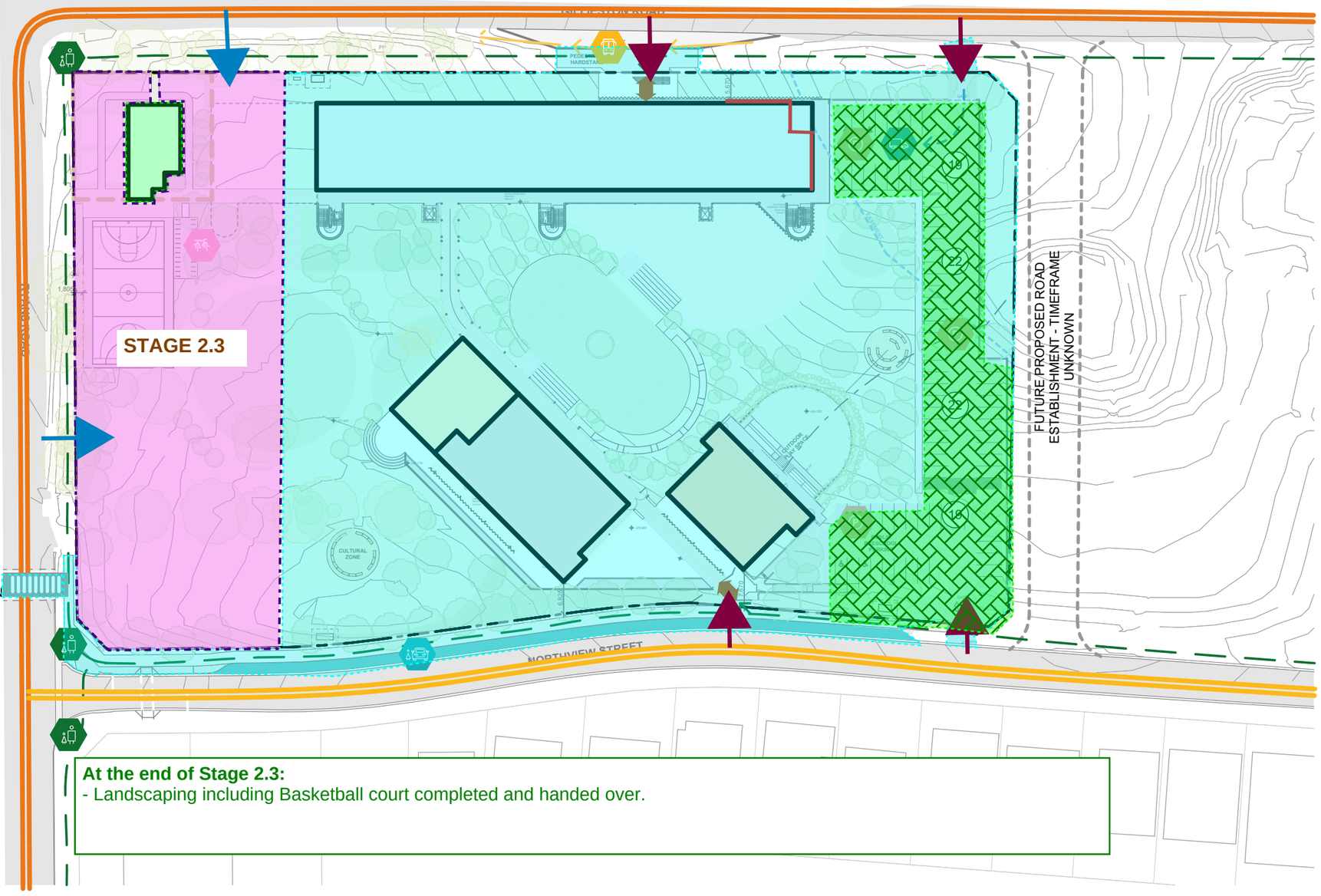
Gillieston Public School - Stage 2.3 Construction Works

Construction works include:
- Removal of relocated demountables
- Completion of landscaping including Basketball court

Key Notes:
1. Staff will be utilising the new car park during Stage 2.3 Construction Works



At the end of Stage 2.3:
- Landscaping including Basketball court completed and handed over.

CONSTRUCTION LEGEND

- Easement - This area is in possession of the Contractor. However, works in this area cannot be commenced until neighbouring & council stormwater works are complete
- In Construction & Site in possession with the contractor
- Existing and Operational
- Completed and Occupied
- Contractor Site Access
- School Access
- Hoarding Line
- Staff car park
- Remediation - This area is required to be remediated and made good prior to Hall and OOSH demountable installation

TECHNICAL OVERLAY

- **Bus Stop**
- **Carparking**
- **Kiss n Drop**
- **Bicycles and Scooters**
- **Crossings and School Zones**
- **Maintenance and Delivery Access**

LEGEND

- FUTURE PROPOSED ROADS
- CAR PARKING
- KISS N DROP & QUEUING ZONE
- BICYCLE / SCOOTER PARKING
- MAINTENANCE / DELIVERY ACCESS
- ACTIVE TRANSPORT LINKS
- MULTIDIRECTIONAL CAR ACCESS
- NARROW CUL DE SAC
- BUSBAY DROP OFF
- ENTRY

4814
DA3502
RevA 17.09.24

Gillieston Public School
100 Ryans Road & 29 Northview Street

0m 10 20 30 40 50 1:1000 @A3

SHAC

Nominated Architect Justin Hamilton (6160) | ABN 32 131 584 846

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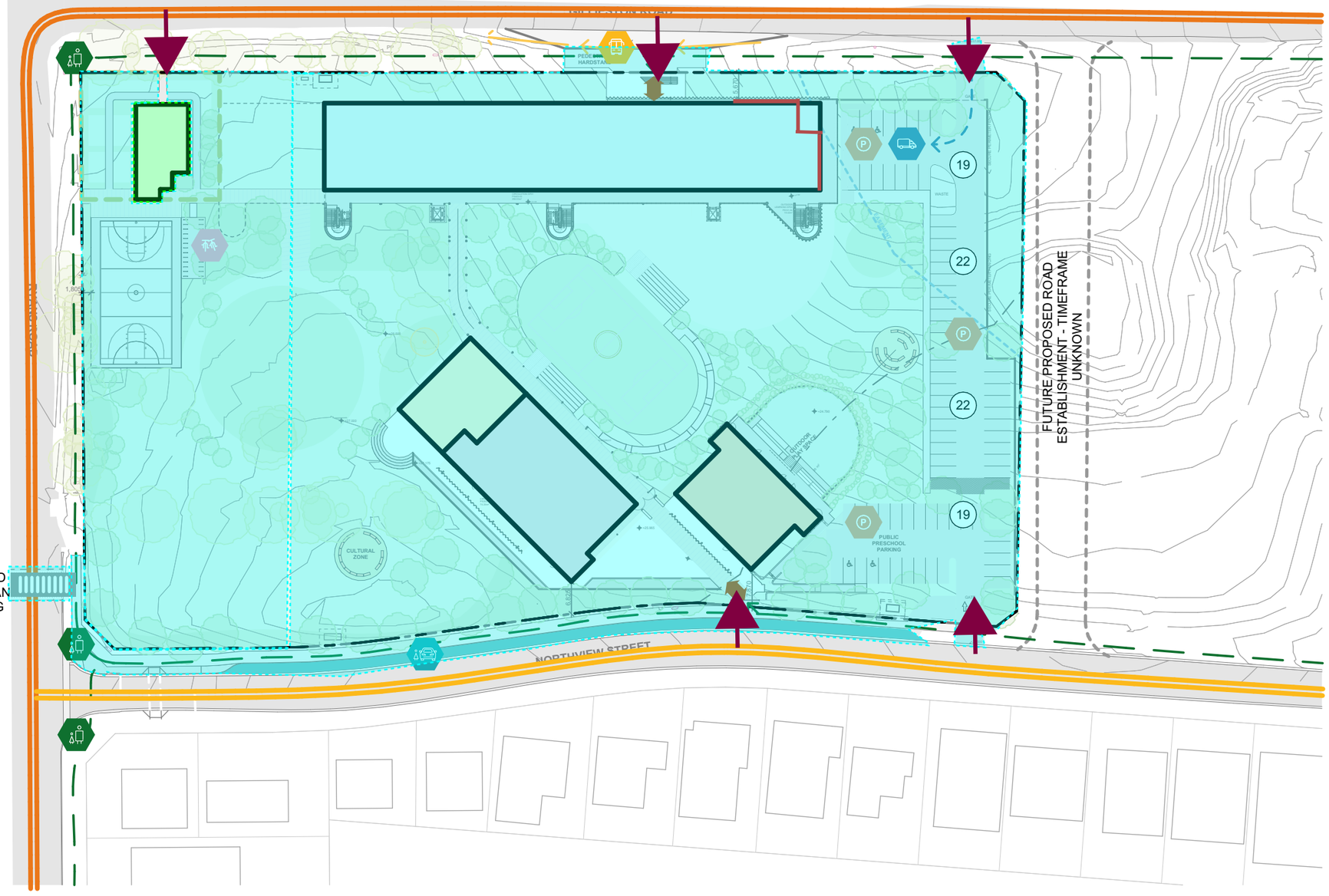
SINSW INFORMATION CONTAINER REF: GPS-SHAC- - -M2-A-DA3502-Transport and Parking

Gillieston Public School - Completion



CONSTRUCTION LEGEND

- Easement - This area is in possession of the Contractor. However, works in this area cannot be commenced until neighbouring & council stormwater works are complete
- In Construction & Site in possession with the contractor
- Existing and Operational
- Completed and Occupied
- Contractor Site Access
- School Access
- Hoarding Line
- Staff car park
- Remediation - This area is required to be remediated and made good prior to Hall and OOSH demountable installation

TECHNICAL OVERLAY

- **Bus Stop**
- **Carparking**
- **Kiss n Drop**
- **Bicycles and Scooters**
- **Crossings and School Zones**
- **Maintenance and Delivery Access**

LEGEND

- FUTURE PROPOSED ROADS
- CAR PARKING
- KISS N DROP & QUEUING ZONE
- BICYCLE / SCOOTER PARKING
- MAINTENANCE / DELIVERY ACCESS
- ACTIVE TRANSPORT LINKS
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JOHNSTAFF