

MAIN WORKS, PRELIMINARY CONSTRUCTION MANAGEMENT PLAN

Bankstown North Public School



22 April 2020

**MAIN WORKS, PRELIMINARY CONSTRUCTION MANAGEMENT PLAN
BANKSTOWN NORTH PUBLIC SCHOOL**

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Prepared by:

RPS

Ricky Gregory

Senior Project Manager

Level 13, 255 Pitt Street
Sydney NSW 2000

T +61 2 9261 9990

E ricky.gregory@rpsgroup.com.au

Prepared for:

School Infrastructure NSW

Simon Collins

Project Director

Level 8, 259 George Street,
Sydney NSW 2000

T 1300 482 651

E Simon.collins18@det.nsw.edu.au

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1 CONSTRUCTION MANAGEMENT PLAN OVERVIEW

In developing the Main Works Preliminary Construction Management plan for the Bankstown North Public School (BNPS) Upgrade, RPS confirms its commitment to ensuring a safe work site for its employees, students, Contractors, suppliers, subcontractors and NSW Department of Education (DoE) staff, visitors, pedestrians and the travelling public.

This Plan also allows for reasonable disruption (e.g.: noise, dust, vibration) for the respective Contractors as agreed for the construction of the main works during the contract period.

This Plan ensures that the Works Contractors have:

- sufficient control devices (e.g.: swipe card operated entry and security gates) are utilised to warn and guide DoE staff, students, visitors, and general public safely, around or through the site while restricting unauthorised access to construction areas or any unsafe areas.
- Adequate warning/notification is provided of changes in conditions and of personnel and/or plant engaged in work associated with the work site.
- Signs and devices will be erected and displayed prior to work commencing at a work site. The Contractors will:
 - regularly checked for effectiveness and maintained in a satisfactory condition,
 - removed from the work site or covered when not in use.

This Plan shall be revised to take into account altered or unexpected site conditions. In such instances, an addendum to the Plan will be issued to all copy holders to reflect such changes.

1.1 Revision List

Draft/tender issues of this document shall be identified as Issue A, B, C, etc. Upon initial issue (generally Contract Award) this shall be changed to a sequential number commencing at Issue 1. Revision numbers shall commence at Rev 1.

All copies shall be distributed in accordance with the Distribution List. On receipt of a revision, the copyholder shall incorporate the revised pages into their copy of the document.

The document shall be subject to reissue after a practical number of changes have been made.

DATE	REV	DETAILS	SECT.	PAGE	AUTH. (initial)
27/04/2020	1	Draft Issue	ALL	ALL	TK

2 REFERENCES

Legislation

Work Health and Safety NSW

Other Documents

- RPS Project Management Plan
- Demolition and Early Works Construction Contractor Project Management Plan
- SINSW Contractors Induction Program
- BNPS Emergency Procedures

RPS' Quality Management System

RPS' Project Management Plan is contained in volumes of standard procedures and related forms and appendices:

Access to these procedures is done electronically via 'GroupNet' on the RPS' network, or hard copies may be printed where this access is not available if and when required.

3 DESCRIPTION OF THE WORKS

3.1 Introduction

The NSW Department of Education (DoE) is preparing a State Significant Development Application (SSD 10290) for the redevelopment of Bankstown North Public School (BNPS) located at 322 Hume Highway, Bankstown (the 'site'), identified as the existing Bankstown North Public School.

To ensure the continued operation of the school during the delivery of the project a Review of Environmental Factors (REF) is in place to allow demolition of redundant buildings, construction of the carpark, temporary school and associated infrastructure to be installed before commencing the main works approved under the SSD.

This Construction Management Plan concentrated on the Main Works phase approved under the SSD.

The following works will be undertaken as part of the Main Works:

- Construction of the new Teaching, Administration and Library building;
- Construction of the through site road;
- Residual site remediation work in accordance with the Alliance Geotech, Site Remediation Plan (RAP), This is limited to remediation work not completed in the Early Works phase;
- Off-site infrastructure upgrades;
- Removal of demountable buildings at completion of the new teaching building and;
- Landscaping works.

3.2 Background

The population of Sydney is forecast to grow over the next 20 years and demand for primary education facilities in the Bankstown North area are forecast to increase over the coming years until 2031, with almost all the primary schools in the area projected to experience significant enrolment growth.

DoE has a legislative responsibility to provide teaching spaces to meet demand in all areas across NSW. Bankstown North Public School is to be redeveloped to meet this demand.

School operations will continue at Bankstown North Public School during the redevelopment works in a temporary school delivered under a separate planning approval. Completion of all redevelopment works is scheduled for 2022.

The redevelopment of Bankstown North Public School will offer:

- Facilities that are readily accessible and flexible to meet the demands of an evolving curriculum and learning principles.
- Spaces that are engaging and supportive for students and teachers.
- Technology-rich settings with an emphasis on flexibility.
- A healthy and environmentally sustainable environment.
- Innovative, connected outdoor spaces that enable play and collaborative learning.
- Open space, creating a welcoming and accessible school with indoor and outdoor teaching and learning opportunities.

The new teaching spaces will incorporate principles of energy efficiency and ecologically sustainable development (ESD). This includes:

- Thermal performance and comfort.
- Natural lighting.
- Water management.
- PV energy system

Main Works will be undertaken to ensure continued operation of the school during the construction of the school upgrade.

Works are as illustrated in detail in the Architectural Design of the Main Works prepared by JDH Architects.

4 GENERAL MANAGEMENT

RPS will coordinate with the DoE, SINSW, Contractors and principal consultants working on project, as well as with designated school staff from BNPS and the Asset Management Unit (AMU).

Planning and implementation of the works on site, including access to, from and around the site, RPS shall consult and coordinate with the Contractors and all relevant stakeholders, Authorities and agencies including:

- DoE Asset Management Unit (AMU)
- BNPS staff
- Pro-Group (Temporary Class Rooms)
- School Security Unit (SSU)
- NSW Fire Brigade
- NSW Police
- NSW Department Planning & Environment
- Environmental Protection Agency (EPA)
- Canterbury Bankstown City Council (CB City)
- NSW Roads & Maritime Services (RMS)
- National Broadband Network Ltd
- Ausgrid
- Transport for NSW
- Sydney Water

RPS will ensure suitable and safe access, including any applicable social distancing precautions, is maintained at all times around the site for BNPS staff, students, and visitors by the Contractor, including but not limited to the preparation of, and consultation regarding, the maintenance of an Access Plan which, shall incorporate:

- temporary signage around the site
- temporary pedestrian crossings, particularly where the works mean that pedestrians should not be moving immediately adjacent the site, even for school events / activities
- temporary paths and ramps
- hoardings and protective screens and cover
- temporary lighting

4.1 Hours of Work

[Hours of work](#) permissible by Canterbury Bankstown City Council will be followed over the course of the project:

- Monday to Friday 7.00am to 6.00pm,
- Saturday 7.00am to 1.00pm.

The above working hours are preliminary and subject to the working hours granted under the development approval process.

No works to be undertaken on Sundays and Public Holidays unless otherwise approved by RPS and SINSW.

Out of hours work will be considered for special applications only when it becomes necessary. Relevant authority approvals will be obtained by the Contractors prior to any work being performed outside the approved development consent working hours.

4.2 Main Works Construction

All works shall be carried out in normal hours except for the following restricted work hours / times where an agreement has been reached between Contractor, SINSW and RPS for the works to be undertaken:

All deliveries of material to site will be scheduled with relevant sub-contractors and suppliers to be carried out either side of the morning and afternoon peak school pick-up and drop-off periods. Agreement on the delivery times will be finalized in consultation with the School and in accordance with the Preliminary Traffic Management Plan. All material movements shall be carried out in accordance with Contractor's material handling procedures and Construction Traffic Management Plan (TMP). Refer to Appendix C for Main Works, Preliminary Construction Traffic Management Plan.

All works will be carried out in a sequence to reduce the impact on the school operation. The preliminary site management plan identifies a possible sequence of works. The final sequence of works will be agreed in consultation with the BNPS and SINSW. The preliminary site management plan is attached. (Refer Appendix A – Preliminary Site Management Plan).

4.3 Access for Emergency Vehicles and Personnel

Main Works Construction will not affect the access for emergency vehicles and personnel during the course of the project, however in the event of a particular construction activity the works do affect the access path:

- RPS and the Contractor shall ensure suitable access is always maintained by the Contractors for emergency vehicles and the general public on and off the site.
- All construction traffic to and from the Project (Refer Appendix A – Preliminary Site Management Plan and Appendix C - Preliminary Traffic Management Plan).

4.4 Access for SINSW and Visitors

Access for BNPS Staff and students to the operational part of the site will be maintained however alterations will be made to suit the staging and sequence of the construction activities in the Main Works. The final access arrangement will be agreed with the Contractor prior to the commencement of the main works.

The Contractor will be responsible for the implementation and management of access plans required for the main works. All plans will need to be approved by RPS and SINSW prior to the implementation.

BNPS staff will not be able to access the construction works unless prior arrangements have been made with RPS and the Contractor. If access is granted for BNPS staff to gain access, BNPS's staff member must be accompanied by a representative of SINSW, RPS or the Contractor.

It is also recommended that DoE staff wishing to gain access to the construction site during construction, undertake the Building Industry Induction Course and obtain a white card.

Refer to the Preliminary Site Management Plan for details of pedestrian circulation pathways. RPS shall ensure suitable and safe access is always maintained around the site for BNPS staff, students, visitors and general public. The Contractor will consult with RPS and SINSW and develop access plans that will be incorporated within the Contractor's Site Management Plan.

The plans will include:

- Temporary Signage around the site
- Temporary pedestrian crossings and access points

- Temporary paths and ramps
- Hoardings and site fencing

4.5 Access for Construction Personnel

Access by the Contractor, subcontractors, suppliers, and workers to the project site will be via three entrances, two off of Beresford Avenue at the eastern boundary of the property and one off of Davis Lane at the western boundary of the property, this will be contingent on the current stage of the main works.

The main works will be in Three phases to ensure the operation of the School. Stage 1 works for the new carpark and temporary library installation will require access from Beresford Avenue. Stage 2 works for the installation of the temporary school will utilise the entrance from Davis Lane. Stage 3 works will operate an entrance from Beresford Avenue.

All construction personnel will be advised of the requirements of access as part of the site Inductions prior to commencing work on site.

General circulation from the Contractor's site establishment area and the site will be in accordance with the site establishment plan.

4.6 Hot Work

RPS will ensure that the Contractor comply with the provisions of the "Guidelines for Controlling Hot Work" on Project construction site. Contractors will carry out "Hot Works" in accordance with applicable building industry standards and codes of practice.

4.7 No Smoking Policy

DoE's Drugs in Schools Policy prevents smoking on school premises, including school buildings, gardens, sports fields and car parks. This includes students, employees, visitors and other people who use school premises, including community groups. Contractors will comply with DoE's Policy and ensure there is no smoking on site including site offices and subcontractor facilities.

4.8 Adjoining Property

The Contractors shall undertake a dilapidation inspection and prepare reports on adjoining properties, including roads and surrounding landscaping that may be affected by the works. A copy of the report is to be issued to RPS and SINSW.

The Contractor shall inform all construction personnel that the adjoining spaces to the redevelopment will remain operational during the course of the project, and that all construction personnel must behave in an acceptable manner that does not disrupt the daily operations of BNPS.

4.9 Soil Erosion and Sedimentation

Sediment Control

Contractors will be required to submit an erosion/sedimentation control plan prior to commencement of works. The control plan will address the risk of sediment and pollutants from the site entering the stormwater drainage system in the CB City local government area. A preliminary control plan is identified in NORTHROP Consulting Engineers Civil Design documents C2.01 and C2.11.

4.10 Hazardous Material Removal

The removal of Hazardous Material from buildings and structures is undertaken during the early works phase however any HazMat identified during the main works will be treated in accordance with the Appendix E -

GREENCAP, Demolition/Refurbishment Hazardous Material Risk Assessment and all Statutory requirements.

4.11 Noise, Vibration and Dust

Dust

The Contractors erosion/sedimentation control plan will identify a detailed strategy and plan to minimise dust emission from the site during ground works and construction. Any residual site remediation work will be carried out in accordance with the Alliance Geotech, Site Remediation Plan (RAP)

Perimeter fencing will be erected around the site, with shade cloth/hessian used, to minimise dust emission. In addition, during construction, continuous water spray or wetting down will be undertaken.

Housekeeping practices will be implemented by the Contractors to ensure work areas are kept clean.

Noise and Vibration

The Construction Noise and Vibration Management Plan prepared by CUNDALL details how noise and vibration sources will be identified and managed on this project. Compliance with the Environmental Protection Act (EPA) is required and outlined in the CUNDALL document.

Special reference is also made to controls identified in:

- Environmental Protection Regulation
- Environment Noise - Environment Protection Policy
- AS2436-1981 Guide to Noise Control on Construction, Maintenance and Demolition Sites
- Development Consent Conditions.

Responsibility: Contractor

Sources of Noise and Vibration

The Contractor will identify the sources of noise on the project and determine the acceptable noise levels based on the criteria set-out in the CUNDALL management plan with special regard to statutory, project specific requirements and in consultation with RPS and SINSW.

Construction Hours

As noted above, Construction activities will be carried out in adherence with Canterbury Bankstown City Council (CB City) guidelines:

- Monday to Friday 7.00am to 6.00pm,
- Saturday 7.00am to 1.00pm.

The above working hours are preliminary and subject to the working hours granted under the development approval process.

Working outside these hours will only be considered by the Contractor where:

- it is an emergency,

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- a situation that would create hazardous conditions,
- plant breakdowns have delayed an activity that cannot be stopped,
- the extended working hours will not impact on BNPS operations.

The Contractor will ensure that the RPS representative and the relevant government authority are notified of this work with the details and the reasons for performing outside the designated hours. No work will proceed outside of hours without the prior approval.

Criteria

The following criteria are set up for the project:

Parameter	Measurement	Criteria/KPI
Construction noise	Monday to Friday 7 am – 6 pm Saturday 7 am – 1 pm Boundary with nearest Users	No breaches
Complaints	BNPS and Surrounding community	No public complaints of noise.

Noise and Vibration Levels

Noise

The Contractor is to identify indicative sound power levels for specific items of plant and equipment used, to estimate noise impacts in accordance with the relevant guidelines.

Vibration

Given the location of the site, some exceedance of daytime vibration limits may be expected in terms of either the potential for building damage or in terms of exceedance of human comfort levels, and operational limits of BNPS equipment from any construction activities.

Procedure for Mitigation of Impacts

Control Measures	Responsibility	Timing / Frequency
General and Construction Hours		
Implement this Noise and Vibration Control Plan	Contractor	Throughout works
Ensure that construction work is restricted to the stated normal working hours unless otherwise approved: Work outside these hours will only be considered by the RPS where: It is an emergency; A situation that would create hazardous conditions; Plant breakdowns have delayed an activity that cannot be stopped (e.g. concrete pour); The extended working hours will not impact on surrounding Users/buildings	Contractor	Daily
Ensure the relevant government authority approval is obtained for any work occurring outside normal working hours	Contractor	Prior to works outside normal working hours
Train site personnel in noise and vibration impacts and management, including techniques to minimise noise and vibration emissions to residences.	Contractor	Prior to on-site construction commencing

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Noise		
Inform surrounding neighbours of intended scope of works regarding noise.	Contractor	Prior to on-site construction commencing
Where practical, construct earth mounds or screening in sensitive locations, to act as acoustical barriers and to minimize noise emissions.	Contractor	Prior to on-site construction commencing
Select and use the quietest available plant and equipment. Minimise the use of 2 stroke engines.	Contractor	Prior to on-site construction commencing
Monitor individual vehicles, plant and equipment for noise generation.	Contractor	when first brought onto site & every 3 months throughout the project
Regularly maintain vehicles, plant and equipment and fit engine exhaust systems with properly maintained noise suppression devices such as mufflers, silencers and enclosures in accordance with manufacturer's recommendations.	Contractor	Prior to on-site construction commencing and ongoing
As far as practicable, locate compounds, parking areas and activities located in positions away from noise sensitive locations	Contractor	At all times
Minimize noise-intensive activities as far as possible.	Contractor	At all times
Where possible, face engines of large plant and equipment away from neighbouring properties.	Contractor	At all times
Notify client and other relevant authorities and surrounding neighbours prior to predicted noisy or vibration-intensive activities	Contractor	Prior to noisy activities commencing
Notify client, the relevant government authority and adjacent neighbours of any works undertaken outside normal working hours, which could result in noise impacts.	Contractor	Prior to works outside normal working hours
Record and action all noise complaints.	Contractor	When required
Monitor general noise levels during working hours.	Contractor	Throughout construction period
Compare noise levels to the KPI's. If greater than KPI's or background, raise a Non-conformance report and implement further noise control strategies.	Contractor	Throughout construction period
Vibration		
Evaluate likely vibration impacts on nearby structures, sewer mains, and pipelines and develop mitigation measures as appropriate with RPS and SINSW.	Contractor	Prior to on-site construction commencing
A dilapidation Survey shall be undertaken prior to commencing demolition / construction works	Contractor	Prior to on-site construction commencing
Implement a weekly / daily communication process with stakeholders to inform of construction activities, particularly any excavation in rock, that may cause vibration issue with adjacent buildings. Works to stop immediately if vibration from	Contractor	Prior to commencing any construction activities that may cause vibration issues with SINSW equipment.

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construction works interfere with neighbouring properties		
Monitoring		
The Contractor shall monitor noise and vibration objectively of plant and sensitive receptors. The results of these tests shall be recorded on a regular basis.	Contractor	Regularly
Physical monitoring (using Sound Level Meters or vibration meters) shall be performed in accordance with the relevant Australian Standards or other prescribed standards. Short term attended noise and vibration monitoring shall be performed at locations nominated at the commencement of works.	Contractor	When required
Recording		
Observations shall be noted in weekly Site Inspection Report	Contractor	Weekly

General

Contractors will ensure that any dust caused by the works is reduced to a minimum. Areas worked in by Contractors will be adequately screened to prevent dust spreading to neighbouring buildings via the installation of pre filters.

The Contractors shall notify RPS and BNPS in advance of work which may require additional dust protection.

Jack hammers and other noisy equipment including hand-held tools used in the performance of the work will be fitted with effective silencers of a type recommended by the manufacturers.

Compressor sets and motors used in the performance of the work will be fitted with effective acoustic canopies and special engine exhaust silencers of a type recommended by the compressor manufacturer. Where possible the Contractor is to undertake all noisy works between 7.00am to 9.00am Monday to Friday and 7.00am to 1.00pm on Saturdays.

Portable radios and CD players will not be permitted on site. The Contractors shall ensure that all structural borne noise will be kept at a minimum to avoid disruption for the users and occupiers of neighbouring properties for periods outside the agreed noisy works periods. The Contractors will use “best practice” methods of work to obviate any generated noise.

4.12 Site Security

The Contractors will secure the boundaries of the site for the duration of works. Refer to the Appendix A – Preliminary Site Management Plan. The external area will be fenced off using temporary fence panels 1.8m to 2.4m in height. NSW Government branded bannermesh (shade cloth) will be placed on the site screens and fencing to help minimise dust and present a clean and well managed site.

All temporary fencing with bannermesh installed at the site shall be constructed to eliminate risk of a fence blowing away due to high winds. Mitigation while installation is carried out by the Contractors will include:

- Install additional bracing every second panel instead of the standard every third panel.
- Install additional counterweights to the bracing.
- Install lightweight ties to the bottom which snap in high wind allowing the shade cloth to flap away from the fence.

- Limiting the length of straight runs in the layout of the fencing, i.e. corners add additional bracing

Appropriate site safety signage will be displayed at all access points to the site warning staff, visitors and the general public that an area which is fenced and/or hoarded off is a construction site.

All access points allowing entry to the construction site will be locked at all times with the exception of the main entry gate to the site which will be manned for security and remain open during normal working hours. The Contractors will consult with the AMU and SSU to determine an appropriate DoE employee to be authorised to allow access to the construction site in emergency situations for emergency services teams only.

Emergency Site Access procedure will be implemented and will be issued to the AMU, SSU and BNPS for use after normal hours. Where the DoE allow access to site for emergency services teams to the construction site for an emergency situation, DoE must notify the Contractors immediately, and thereafter in writing of the date and time they have entered the site and an explanation of the emergency situation must be provided.

4.13 Stakeholder Communication

Regular Meeting:

Stakeholder communication meetings have been established to keep all key staff informed on key milestones and develop both staff and visitor access/circulation plans, including any applicable social distancing requirements.

Contact List:

Refer to Appendix B – Project Team Contact List. This contact list will be prepared by the contractor upon engagement and made available for review after SINSW approval.

4.14 Site Signage

Pedestrian / Visitor directional signage:

A proposal covering the extent, design to be developed by the Contractors in accordance with the Contractors management plans and systems and submitted to RPS for approval.

NSW Government construction projects are required to display the waratah on plan white (logo) on project signage, shade cloth to site fences, hoardings and the schools permanent palisade fencing that forms part of the site boundary. Contractors' are not allowed use their company branding on SINSW construction sites.

4.15 Parking

Contractors and sub-contractor personnel are not permitted to park vehicles in the school carpark or any other area of the school grounds other than the designated contractors compound site area, unless agreed otherwise with SINSW and RPS Group. All contractors are to keep Davis Lane and Beresford Ave clear at all times to allow the school and other road users unobstructed access in and out of the area. The Contractors shall ensure that all persons inducted on the project are advised of the traffic and parking policy for the BNPS project. Refer to Appendix C – Main Works, Construction Traffic Management Plan for the proposed parking areas on site for construction workers.

4.16 Rubbish Removal

The Contractors shall remove from site rubbish resulting from the works. Rubbish shall be handled in a manner so as to confine the material completely and to minimise dust emissions and disposed of in accordance with Contractor's Environmental Plan and the Appendix E - GREENCAP, Demolition/Refurbishment Hazardous Material Risk Assessment.

The Contractors will ensure BNPS facilities, grounds and adjacent properties or public areas are not used for the disposal of rubbish from site. The Contractors will engage a waste removal specialist to manage and recycle all waste that leaves the project. To encourage recycling, bins will be located close to areas of work and in a position where access for removal by trucks is possible. The work is to be undertaken in accordance with Appendix F - Demolition and Construction Waste Management Plan prepared by WASTE AUDIT.

4.17 Deliveries

Deliveries to the site will be carried out in accordance with the work hours as approved by the development consent approvals and the Main Works, Preliminary Construction Traffic Management Plan included in Appendix C.

5 DAILY TASKS

5.1 Prior to Work Commencing

The Contractor's Supervisor will carry out the following operations to ensure acceptable safety at all times, before work starts:

1. Daily prestart toolbox talks with Subcontractors,
2. Inspect all signs and devices, note any signs out of place or damaged overnight and rectify as soon as possible,
3. Inspect all emergency and pedestrian egress paths and ensure that they are clear of construction plant and materials,
4. Make the programmed adjustments to the site management provisions for the day. Check for safety and effectiveness by an inspection around the job,
5. Maintain, regularly clean and repair OR replace signs and devices as necessary.

5.2 During Hours of Work

The Contractor's Supervisor will:

1. Attend to problems as they occur,
2. Where there are hazards to BNPS staff, students and public, the Contractors staff will ensure these are attended to immediately,
3. Reposition barriers and signs as necessary,
4. Co-ordinate maintenance of access paths, footpaths with other job operations.

6 RECORD KEEPING

6.1 Site Quality Assurance and Daily Records

Contractor's representative will keep adequate records of daily activities and any significant departures or additions in the Project Diary. An Inspection and Test Plan (ITP) shall be completed ensuring compliance with the management plans.

6.2 Incident / Accident Management and Reporting

Incident Management

The objective of the incident plan is to minimise such disruptions and provide a clear and simple guideline for disruptive events. Contractor's Incident Management Plans are to be implemented on the project upon award of the Contractor.

Accident Management

The Contractors shall promptly notify RPS and SINSW of the occurrence and furnish a written report of the following incidents and accidents:

- Accident involving death or personal injury,
- Accident involving lost time,
- Incidents with accident potential such as equipment failure, slides, cave ins, and the like.

In the case of accidents either witnessed or reported, involving BNPS staff, student, public or from which legal proceedings might arise:

- record the actual type, size and location of signs and devices in use at the time of the accident,
- notify SINSW as soon as possible,
- Take photographs of the arrangement for subsequent reporting.

A file shall be kept including any relevant information on traffic arrangements used and completed.

7 WASTE MANAGEMENT, MAIN WORKS CONSTRUCTION PHASE

7.1 Waste Management Plan

Objective

Ensure the maximum amount of waste material resulting from the main works construction activities are reused and/or recycled to reduce the environmental impact of waste disposal. This can be achieved by:

- Minimise waste generation.
- Ensure appropriate storage, separation and collection of waste.
- Avoid illegal dumping.
- Promote improved project management and implementation of the WMP.

Initiatives

The provisions to achieve the objectives are to be identified by Contractor in a detailed Waste Management Plan (WMP) incorporating waste minimisation strategies prior to commencing main works construction. The WMP will be developed in accordance with the Contractor's Environmental Management System to ensure optimum waste management initiatives are implemented. The Contractor will be encouraged to implement the following initiatives to ensure waste minimisation.

- Special attention in design and the estimating of materials to minimise waste on-site in off-site fabrication of components for the building.
- Separate building waste from other stockpiled materials in an allocated area on site.
- Separate waste streams on site and place into clearly labelled collection bins for each waste stream.
- Minimise site disturbance and limit unnecessary excavation.
- Implement measures to prevent damage from the elements, odours, health risks and windborne litter.

Implementation

Contractors are to discuss waste management strategies for the project with material suppliers and waste handling facilities prior to their engagement. The Main Contractor to outline waste management plan objectives during site inductions and toolbox talks to ensure all sub-contractors are aware of the legal requirements for disposing of waste.

In carrying out the works, footpaths, public reserves, street gutters are not to be used to store or manage waste materials of any kind with CB City approval. Material moved offsite is to be transported in accordance with requirements of the EPA and relevant WHS legislation administered by WorkCover NSW.

Sub-contractors and suppliers are to be encouraged to;

- Estimate accurate volumes of material to be used in the works.
- Identify potential reuse and recycling opportunities of excess construction material.
- Incorporate the use of prefabricated components and recycled materials when appropriate.
- Arrange for the delivery of materials so that materials are delivered 'as needed' to prevent the degradation of material through weathering and moisture damage.
- Organise with suppliers or manufacturers the return of excess material.
- Clearly sign post the purpose and waste stream content of the separate collection bins or areas for residual waste.

8 EMERGENCY PROCEDURE

In the event of any emergency situation arising during the course of the contract, including:

- Emergency evacuation,
- Fire,
- Flooding and water damage,
- Gas leak,
- Mains power failure
- Explosion,
- Bomb threat,
- Chemical Spill,
- Construction accident,
- Medical Emergency,
- Theft of Collection items,
- Criminal or accidental damage.

The Contractor responsible for the construction worksite will be responsible to ensure that all construction personnel associated with the works are evacuated from the work site in accordance with the Contractor's procedures. On evacuation of the work site the Contractor's representative will notify RPS, SINSW and the SSU and advise the status of the site and await any further instructions.

BNPS will instigate the appropriate procedure for the remainder of the site pending on the emergency situation present.

The Contractors should ensure that BNPS Evacuation Plans are displayed within the worksite and the Contractor's site establishment to assist construction personnel evacuating BNPS in the event of an emergency.

RPS shall ensure emergency procedures are incorporated into the Contractor's plans and incorporated during inductions of workers and include the specific requirements of BNPS in the event of an emergency.

In the event of any emergency the following project team personnel will be contactable during all hours of the day:

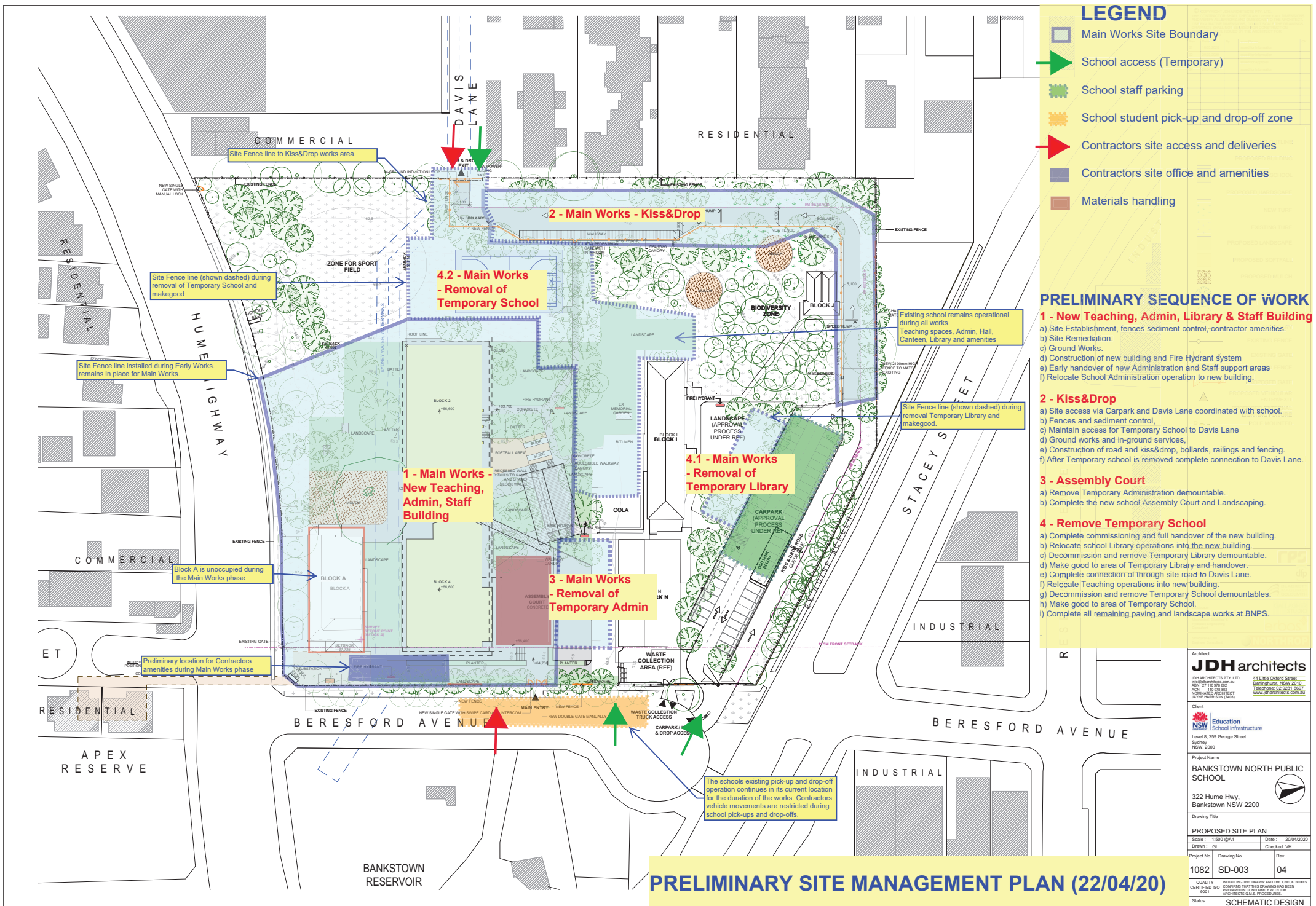
Emergency contact table to be completed on award of Contractor

No.	Position	Name	Telephone Numbers
1	Site Foreman		
2	Site Manager		
3	Contractors, Project Manager		
4	RPS, Project Manager		
5	DoE, SSU		
6	DoE, BNPS School Principal		

The number designates the order of precedence, which may depend on availability at a particular time of day or period of construction.

Appendix A

Preliminary Site Management Plan



Architect
JDHarchitects
JDHARCHITECTS PTY LTD
ABN 21 110 918 802
40/41 STATION STREET
SYDNEY NSW 2000
44 Little Oxford Street
Darlinghurst, NSW 2010
Telephone: 02 9251 8897
www.jdharchitects.com.au

Client
NSW Education
School Infrastructure
Level 8, 259 George Street
Sydney NSW, 2000

Project Name
BANKSTOWN NORTH PUBLIC SCHOOL

322 Hume Hwy,
Bankstown NSW 2200

Drawing Title
PROPOSED SITE PLAN

Scale: 1:500 @A1 Date: 20/04/2020
Drawn: GL Checked: JH
Project No: 1082 Drawing No: SD-003 Rev: 04

QUALITY
CERTIFIED ISO
9001
STATUS: SCHEMATIC DESIGN

Appendix B

Main Works, Key Contact List, *(To be provided by the contractor upon engagement)*

Appendix C
Main Works, Preliminary Construction Traffic Management
Plan, prepared by PTC

Appendix D
Main Works, Construction Noise and Vibration Management
Plan, prepared by CUNDALL

Appendix E
Demolition / Refurbishment Hazardous Material Risk
Assessment, prepared by GREENCAP

Appendix F

Construction Waste Management Plan, prepared by WASTE AUDIT