



Waste Management Plan

Penshurst Public School Upgrade

NSW Department of Education

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**ROOT
PARTNERSHIPS**

Advisory+
Project Management

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1 Overview

1.1 Purpose

This document addresses aspects of waste management relating to requirements of the SSD under *NSW Environmental Planning and Assessment (EP&A) Act (1979)* at the new Penshurst Public School (PPS) Upgrade at 18 Arcadia Street (corner of Arcadia Street and Forest Road) in Penshurst, Sydney NSW. The report will address the requirements for waste minimisation in New Developments, and the project's Green Start objectives.

This Waste Management Plan (WMP) identifies waste resources and proposes management measures for the project design, construction and operation. The format of this document can assist with the completion of a Construction Waste Management Plan (CWMP), which will be required by the contractor prior to the construction of the development. It may also assist with the development of a waste auditor report required as part of a Green Star submission.

The key purposes of the WMP are to:

- Address the waste management requirements for the proposal to a standard suitable for approval under the EP&A Act;
- Provide direction for the project for waste minimisation from construction activities;
- Identify opportunities for effective waste separation, recycling and re-use;
- Identify, quantify and classify the likely waste streams to be generated during construction and describe the measures to be implemented to safely manage this waste.

1.2 Secretary's Environment Assessment Requirements (SEARs)

The SEARs included the following specific requirement for waste management which this Report responds to.

17. Waste

Identify, quantify and classify the likely waste streams to be generated during construction and operation and describe the measures to be implemented to manage, reuse, recycle and safely dispose of this waste. Identify appropriate servicing arrangements (including but not limited to, waste management, loading zones, mechanical plant) for the site.

Figure 1.

Extract from NSW Department of Planning & Environment, Secretary's Environmental Assessment Requirements (SEARs)

2 Description of the Works

2.1 Introduction

The NSW Department of Education (DoE) are preparing a State Significant Development Application (SSD 17_8365) for the redevelopment of Penshurst Public School (PPS) located at the corner of Arcadia Street and Forest Road, Penshurst (the 'site'), identified as 18 Arcadia Street, Penshurst.

The Penshurst Public School is proposed to accommodate up to 1012 students to take enrolment pressure off surrounding schools exceeding student capacity, and accommodate future population growth within the Hurstville Local Government Area (LGA). The school will contain high quality learning, collaborative learning spaces and associated facilities.

Specifically, this proposal seeks development consent for the following works at the site:

- Demolition of all buildings on the site;
- Construction of a 3 storey plus roof level multi-purpose school building, containing:
 - Collaborative learning hubs with a combination of enclosed and open spaces;
 - Library;
 - Staff workplaces;
 - Student canteen;
 - Hall;
 - Ancillary outdoor learning and recreational areas.
 - Rooftop play area;
- Associated site landscaping and public domain improvements; and
- Augmentation and construction of ancillary infrastructure and utilities as required.

2.2 Background

The population of Sydney is forecast to grow by over one million people in the next 10 years. A proportion of this will reside in the metro south district in new residential developments in areas such as Hurstville and Penshurst. This growth in the Metro South district is occurring rapidly, putting significant pressure on public infrastructure, including transport, health services and education.

The Department of Education has a legislative responsibility to provide teaching spaces to meet demand in all areas across NSW. A redeveloped Penshurst Public School is to be built on the existing site to meet this demand. Cleveland Street Intensive English High School currently occupies the site. A temporary facility is being constructed for Penshurst Public School on a site already owned by the Department of Education (DoE) at Peakhurst West to accommodate the school during the redevelopment.

2.3 The Works

The Penshurst Public School site will be redeveloped to create a new future focused low-rise school with all new buildings. The local heritage item located on the site has been taken into consideration and thoroughly assessed as part of this application. The new Penshurst Public School is expected to open in 2020.

The school will offer:

- Facilities that are readily accessible and flexible to meet the demands of an evolving curriculum in line with future-focused learning principles.
- Flexible and well connected teaching and learning spaces that enable a variety of teaching and learning practices.
- Spaces that are engaging and supportive for students and teachers.
- Technology-rich settings with an emphasis on mobility and flexibility.
- A healthy and environmentally sustainable environment.
- Innovative, connected outdoor spaces that enable play and collaborative learning.
- Connected 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:
 - Passive design principles
 - Thermal performance and comfort.
 - Natural lighting.

Works are as illustrated in detail in the Architectural Plans and Architectural Design Statement as prepared by Perumal Pedavoli Architects.

3 Legislative Requirements

3.1 NSW State Legislation

The following NSW legislation applies to this development;

- Protection of the Environment Operations Act, 1997
- Waste Avoidance and Resource Recovery Act, 2001
- NSW Work Health and Safety Act, 2011
- Code of Practice: How to Manage and Control Asbestos in the Workplace
- Code of Practice: How to Safely Remove Asbestos

The following documents do not apply directly to this development but have been used as guiding documents for waste initiatives;

- NSW Waste Reduction and Purchasing Policy, 2007

3.2 Local Government requirements

The following Local government requirements apply to this development;

- George's River Council District Control Plans – Appendix 1

3.3 Green Star

A green start assessment is being pursued for the development through the Green Building Council of Australia (GBCA) Green Star Design rating tool. The waste management facilities and procedures set out in this WMP target the requirements of the Man-7 and Mat-1 credits.

Table 1 – Green Star targets and requirements

Credit	Criteria	Requirements to Comply
Man-7 Waste Management	Up to two points are awarded where the contractor implements a Waste Management Plan (WMP), retains waste records and submits quarterly reports to the building owner. >60% of construction waste mass must be re-used or recycled.	Clearly demonstrate the evidence accounts for all of the demolition and construction waste, that the stipulated proportion of waste has been re-used or recycled, and that the owner will be informed of this process on a quarterly basis. Where the principal building contract has not been awarded extracts from the Tender documentation must be provided.
Mat-1 Recycling Waste Storage	Two points are awarded where a dedicated storage area for the separation and collection of recyclable waste is provided and it: <ul style="list-style-type: none"> • Is adequately sized to handle the recyclable waste streams specified in the Compliance Requirements; • Meets the access requirements of 'Policy for Waste Minimisation in New Developments' (NSW, 2004): - Section A, points A-12 through A-17. • Is separate from, but adjacent to, general waste facilities; 	Demonstrate that the recycling waste storage can effectively serve all building uses and occupants and be sufficiently sized to accommodate the storage equipment for the following recyclables, as a minimum: <ul style="list-style-type: none"> - Cardboard; - Glass; - Plastics - Mixed Containers; - Plastics - Soft Plastics; - Plastics - Polystyrene;

	<ul style="list-style-type: none"> • Is located in the same level as the loading dock with a clearly marked, sign-posted, convenient and guaranteed access route which allows: <ul style="list-style-type: none"> - Level access from tenancies (or goods lifts are provided); and - Avoids the need for manual handling of the waste; <p>OR</p> <p>Is within one of the following walking distances:</p> <ul style="list-style-type: none"> - 20m of the exit used for recycling pick-up; - 20m of the lift core serving all floors; or - 3m of the shortest route connecting the lift core serving all floors and the exit used for recycling pick-up. 	<ul style="list-style-type: none"> - Metals; - Used cooking oil; and - Organic (compost) materials.
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4 Construction and Demolition

4.1 General

This section provides an overarching guideline for managing waste during the demolition and construction phases. The principal contractor will be required under the contract to prepare a Construction Management Plan including a section on waste management. This will describe how the contractor will manage waste produced by themselves and their subcontractors throughout the construction process. This includes waste produced during any demolition and site preparation activity, as well as during the construction process itself. All waste management procedures will comply with Georges River Council waste management requirements as outlined in Appendix 1 of the DCP.

The demolition and construction works for this development are required to consider the project Green Star objectives, particularly in regards to the use of recycled building materials and recycling construction waste (>60% required, >80% target).

Waste will be managed so as to maximise diversion from landfill. This may be done either through on-site segregation of recyclable components, or through off-site sorting by special waste contractors.

Furniture considered in good condition may be re-used or distributed to other schools to retain furniture that would be otherwise disposed of.

Waste generated during construction and demolition will be reused and recycled as a priority and only disposed to landfill when unavoidable.

During the onsite works adequate space and access will be provided for:

- Separated storage of building materials
- Separated storage of construction and demolition waste
- Separated sorting of construction and demolition waste
- Removal of construction and demolition for recycling, reuse or landfill

Refer to Appendix 1 for the Section 1 form required by the Georges River Council DCP, to be completed by the Principal Contractor upon contract award.

4.2 Hazardous Materials

Asbestos containing materials (ACM's) that are present on site are detailed in the Asbestos Register in Appendix 3.

In addition, ACM may be present in areas that were inaccessible during the survey including but not limited to wall cavities, sub-floor voids and sub-surface concrete and soil layers of the site.

In its current state, all ACM and assumed ACM located at the sites would meet the definition of “non-friable” asbestos as defined in the *NSW Work Health and Safety Regulation 2011* and in the *Working with Asbestos Guide – 2008* produced by SafeWork NSW.

All ACM located on the site will be removed by a Class A or Class B licensed asbestos removal contractor under controlled asbestos conditions in accordance with all relevant regulations and requirements noted in section 3.1 of this report.

An Asbestos Removal Control Plan is to be developed by a licensed asbestos removalist to address the requirements as part of the contract of the Principal Contractor upon contract award.

5 Operation

The Department of Education is committed to considering and implementing sustainability initiatives throughout the operations of it's schools. This section provides an overview of the waste streams that will likely be generated from the development during operation.

Table 2 - Anticipated waste streams

Waste Stream	Operational Area
General Waste	Entire Building
Food and garden organics	Entire Building
Paper and cardboard	Entire Building
Co-mingled recycling	Entire Building
Secure documents	Office Spaces
Electronic Waste	Learning spaces, office spaces
Liquid Waste	Canteen
Sanitary Waste	Entire Building

5.1 Waste Generation

Weekly waste generation volumes for Penshurst Public School have been estimated using standard George's River Council waste generation rates as a guide (Georges River Council DCP) and also consideration of the existing schools waste generation to determine waste storage and collection requirements.

Weekly waste volumes are based on the assumption that general waste will be collected five times a week and recyclables will be collected twice a week.

Table 3 – Waste and Recycling Generation rates (Using DCP rates)

Building Space Use	Comparable waste generation type	General Waste rate	Recycling rate
Office/Learning Spaces	Offices	50L/100sqm/day	10L/100sqm/day
Canteen	Supermarket	240L/100sqm/day	120L/100sqm/day
Back of house/hall/outdoor learning	Showroom	40L/100sqm/day	10L/100sqm/day

The storage, loading and service areas of the building have been assumed to not generate any waste.

Estimates of the daily waste generation for the new Penshurst Public School are summarised in table 4 below.

Table 4 – Estimated waste generation

Source	Penshurst PS GFA	General Waste	Recyclable Material
Office/Learning Spaces	5036	2518	504
Canteen	75	180	90
Back of house/hall/outdoor learning	599	240	60
Total	5710 m²	2938 L	654 L
Existing PPS	3108 m²	*660 L	*200 L

*The current waste arrangement for the school is 1x660L recycling storage and 1x660L general waste storage which is collected weekly and daily respectively. This has been assumed to be a maximum waste generation rate as noted above.

5.2 Waste Storage

Waste storage will be adjacent the school carpark in a designated bin area, behind a lockable gate for security.

Bin numbers have been based upon consideration of the existing schools waste generation rate and the recommended rates provided by the DCP.

The numbers of bins to be provided based on the assumption that general waste will be collected five times a week and recyclables will be collected once a week are as follows:

Table 5 – Recommended bin requirements

Component	Waste Stream	Bin Requirements
General Waste Storage	General Waste	2 x 660L General Waste Storage
	Foods and Garden Organics	1 x 120L Recycling Storage
Recycling Storage	Co-mingled	1 x 240L Recycling Storage
	Paper/card	1 x 660L Recycling Storage
Hard waste storage	Bulky Items	Skips will be provided on an as needs basis
	E-Waste	Recycling to be on an as needs basis, managed through IT for independent collection.

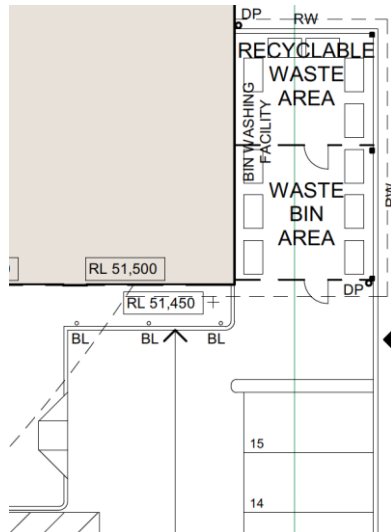


Figure 2 – Location of central waste/recycling storage area

Refer to Appendix 2 for the completed Section 2 form required by the Georges River Council DCP.

5.3 Waste Collection

Waste collection shall be by an independent waste contractor. The waste contractor shall collect the waste in the carpark area/loading zone adjacent the bin storage area. The loading zone is accessed via the carpark driveway entrance off of Arcadia Street. Collection vehicles will use the car park area to reverse into the loading zone for collection and drive out in a forward direction. This method is similar to the waste collection method currently used by Penshurst Public on the existing site.

Table 6 - Waste management process

Space Use	Local Disposal	Transfer to central storage area	Transfer to collection point	Collection Point
Office/Learning Areas	Receptacles as needed	Cleaners (using trolleys)	Nominated cleaning staff/facilities management transfer waste receptacles from bin area to loading zone adjacent the bin area.	Waste collection vehicles will use the car park area to reverse into the loading zone for collection of waste and drive out in a forward direction.
Canteen	Receptacles as needed	Cleaners (using trolleys)		
Back of house/hall/outdoor learning	Receptacles as needed	Cleaners (using trolleys)		



Appendix 1 – Section 1 form required by the Georges River Council DCP

Appendix 1

(a) Waste Management Plan

A Waste Management Plan defines the volume and type of waste that will be generated, how waste is to be treated and stored on site and how all waste types are to be disposed of. The following two tables are samples of model waste management plans. The space provided may not be sufficient for your requirements, therefore you will probably be required to develop your own tables including all of the information contained in the tables.

Both sections must be lodged with the development application. Section 1 describes the anticipated type and volume of waste and recyclable materials that will be generated during demolition and construction. It also describes the destination of these materials. Section 2 describes the waste management practices for the ongoing use of the premises.

Section 1 – Demolition and Construction				
Site Address:				
Applicant's Name and Address:				
Structures Currently on Site:				
Brief Description of Proposal:				
Materials on Site		Destination of Materials		
		Recycling and Reuse		Disposal
Type of Material	Estimated Volume (m ³)	On-site (specify proposed reuse or on-site recycling methods)	Off-site (specify contractor and recycling facility)	Off-site (specify contractor and landfill site)
Excavation Materials				
Green Waste (organic materials)				
Bricks				
Concrete				
Timber (specify)				
Plasterboard				
Metals (specify)				
Asbestos (specify)				
Other (specify)				

Note: Section 1 of the waste management plan must be submitted with plans that show:

- the location of areas that will be used for the sorting of construction recyclables/waste.
- the location of areas that will be used for the storage of construction recyclables/waste, including the location of associated containers/skips
- the point at which vehicles removing construction recyclables/waste will access the site.

Source of Section 1 of above table: *Better Practice Guide for Waste Management in Multi-Unit Dwellings, Resource NSW, February 2002.*

Appendix 2 – Section 2 form required by the Georges River Council DCP

Appendix 1

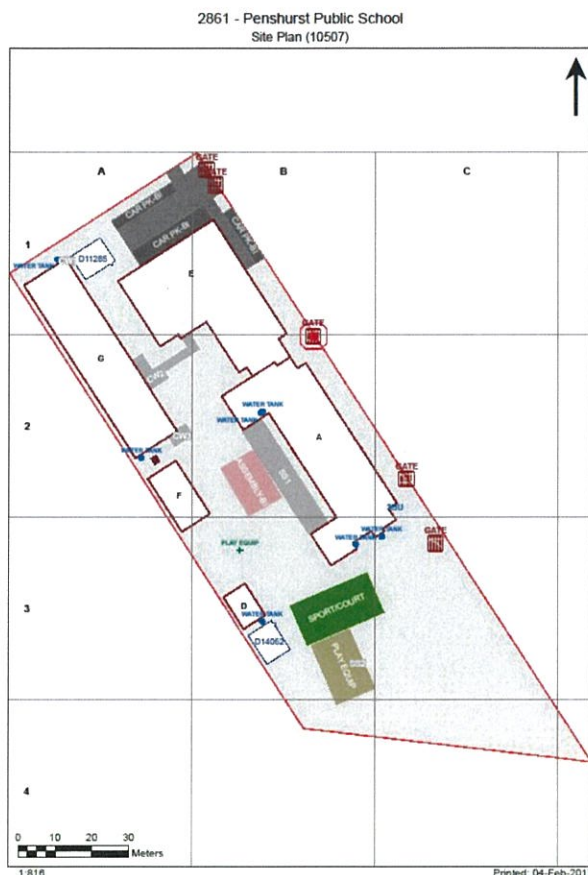
Section 2 – Ongoing Use of Premises			
Site Address:			
Brief Description of Proposal:			
Type of Dwellings:			
Number of Dwellings on Site			
Garbage – Residential (Multi-Unit Dwellings) MUDs			
Number of Council red-lid garbage bins		Size of red-lid garbage bins	
Recycling – Residential (Multi-Unit Dwellings) MUDs			
Number of Council 240L yellow-lid garbage bins			
Garbage Generation – Non – Residential			
Type of waste	Volume of waste (m3 or litres) per week	On-site storage facilities	Contractor and destination of materials
Recycling Generation – Non – Residential			
Type of waste	Volume of waste (m3 or litres) per week	On-site storage facilities	Contractor and destination of materials
Describe arrangements for cleaning bins, bin storage areas and waste management equipment			
Describe arrangements for maintaining bin storage areas and waste management equipment			
Describe access to the bin storage area. If the area is a secure area access keys will need to be provided to Council's Contractor			

Appendix 3 – Asbestos Register

(Hazardous Materials and Risk Assessment)

School :	Penshurst Public School (2861)
Region :	Sydney
State Electorate :	Oatley
Local Government Area :	Hurstville

Initial Survey : Noel Arnold & Associates : 30 - Mar - 2008
Reviewed By : Parsons Brinckerhoff : 01 - Nov - 2016



Product	Material Description	Extent	Location Reference	Material Condition	Risk Status	Control Priority
Sample No				Test Result		

B00A - General Learning/Library - 1924 - Brick/Block (Brick/Block)**Exterior**

Underfloor Voids	No Asbestos Found					
Ceiling Void	AC Fragments/Debris	1m2	Variable positions	Poor Condition - Extensive Damage (4)	Low (1)	Medium Priority (4-5)
2861/B00A/Ceiling Void/S12				Chrysotile (white asbestos) , Amosite (brown asbestos) , Crocidolite (blue asbestos)		

Interior**B00A - R0001 - Withdrawal Space - 1hb**

Ceiling Structures/Linings	Flat AC Sheeting	14m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)
2861/B00A/R1021/Ceiling Structures/Linings/S5				Chrysotile (white asbestos)		

B00A - R0002 - Home Base

No Asbestos

B00A - R0003 - Home Base

No Asbestos

B00A - R0006 - Home Base

Chalk Board	Flat AC Sheeting	11m2	North facing, West facing	Good Condition (1)	Low (1)	Low Priority (2-3)
2861/B00A/R0007/Chalk Board/S6				Chrysotile (white asbestos)		

B00A - R0007 - Home Base

Chalk Board	Flat AC Sheeting	11m2	North facing, West facing	Good Condition (1)	Low (1)	Low Priority (2-3)
2861/B00A/R0007/Chalk Board/S6				Chrysotile (white asbestos)		

B00A - R0008 - Practical Activities - 1hb

Ceiling Structures/Linings	Flat AC Sheeting	14m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)
2861/B00A/R1021/Ceiling Structures/Linings/S5				Chrysotile (white asbestos)		

B00A - R0009 - Movement

Ceiling Structures/Linings	Flat AC Sheeting					
2861/B00A/R0034/Wall Linings Internal/S1				No Asbestos Detected		
Wall Linings Internal	Flat AC Sheeting					
2861/B00A/R0034/Wall Linings Internal/S1				No Asbestos Detected		

B00A - R0011 - Movement

No Asbestos

B00A - R0012 - General Assistant/Bulk Store

No Asbestos

B00A - R0013 - Toilets - Girls

Wall Linings Internal	Flat AC Sheeting					
2861/B00A/R0026/Wall Linings Internal/S2				No Asbestos Detected		

B00A - R0014 - Toilets - Boys

Wall Linings Internal	Flat AC Sheeting					
2861/B00A/R0026/Wall Linings Internal/S2				No Asbestos Detected		

B00A - R0015 - Movement

No Asbestos

B00A - R0016 - Home Base Store

Ceiling Structures/Linings	Flat AC Sheeting	12m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)
2861/B00A/R1021/Ceiling Structures/Linings/S5				Chrysotile (white asbestos)		
Wall Linings Internal	Flat AC Sheeting					
2861/B00A/R0034/Wall Linings Internal/S1				No Asbestos Detected		

B00A - R0023 - Security Store

No Asbestos

B00A - R0024 - Staff Toilet

Product	Material Description	Extent	Location Reference	Material Condition	Risk Status	Control Priority
Sample No				Test Result		
No Asbestos						
B00A - R0025 - Toilets - Girls						
Wall Linings Internal	Flat AC Sheeting					
	2861/B00A/R0026/Wall Linings Internal/S2					No Asbestos Detected
B00A - R0026 - Toilets - Boys						
Wall Linings Internal	Flat AC Sheeting					
	2861/B00A/R0026/Wall Linings Internal/S2					No Asbestos Detected
B00A - R0027 - Movement						
No Asbestos						
B00A - R0028 - Staff Toilet						
Ceiling Structures/Linings	Flat AC Sheeting	2m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)
	2861/B00A/R1021/Ceiling Structures/Linings/S5					Chrysotile (white asbestos)
B00A - R0030 - Movement						
Wall Linings Internal	Flat AC Sheeting					
	2861/B00A/R0034/Wall Linings Internal/S1					No Asbestos Detected
B00A - R0031 - Stairs						
No Asbestos						
B00A - R0032 - Special Programs Room						
Ceiling Structures/Linings	Flat AC Sheeting	34m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)
	2861/B00A/R1021/Ceiling Structures/Linings/S5					Chrysotile (white asbestos)
Wall Linings Internal	Flat AC Sheeting					
	2861/B00A/R0034/Wall Linings Internal/S1					No Asbestos Detected
B00A - R0033 - Practical Activities - 1hb						
No Asbestos						
B00A - R0034 - Withdrawal Space - 1hb						
Wall Linings Internal	Flat AC Sheeting					
	2861/B00A/R0034/Wall Linings Internal/S1					No Asbestos Detected
B00A - R0035 - Library Office/Workroom						
No Asbestos						
B00A - R0036 - Communications Room						
No Asbestos						
B00A - R0037 - Practical Activities - 1hb						
No Asbestos						
B00A - R0038 - Withdrawal Space - 1hb						
No Asbestos						
B00A - R0040 - Home Base						
No Asbestos						
B00A - R0041 - Movement						
No Asbestos						
B00A - R0042 - Movement						
No Asbestos						
B00A - R0043 - Stairs						
No Asbestos						
B00A - R0044 - Home Base						
Ceiling Structures/Linings	Flat AC Sheeting	58m2	Throughout	Good Condition (1)	Low (1)	Low Priority (2-3)
	2861/B00A/R0045/Ceiling Structures/Linings/S10					Chrysotile (white asbestos) , Amosite (brown asbestos) , Crocidolite (blue asbestos)
B00A - R0045 - Reading Area						

Product	Material Description	Extent	Location Reference	Material Condition	Risk Status	Control Priority
Sample No				Test Result		
Ceiling Structures/Linings	Flat AC Sheeting	115m2	Throughout	Good Condition (1)	Low (1)	Low Priority (2-3)
2861/B00A/R0045/Ceiling Structures/Linings/S10				Chrysotile (white asbestos) , Amosite (brown asbestos) , Crocidolite (blue asbestos)		
B00A - R1001 - Withdrawal Space - 1hb						
Ceiling Structures/Linings	Flat AC Sheeting	14m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)
2861/B00A/R1021/Ceiling Structures/Linings/S5				Chrysotile (white asbestos)		
B00A - R1004 - Home Base						
Ceiling Structures/Linings	Flat AC Sheeting	49m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)
2861/B00A/R1021/Ceiling Structures/Linings/S5				Chrysotile (white asbestos)		
B00A - R1007 - Home Base						
Ceiling Structures/Linings	Flat AC Sheeting	48m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)
2861/B00A/R1021/Ceiling Structures/Linings/S5				Chrysotile (white asbestos)		
B00A - R1008 - Home Base						
Ceiling Structures/Linings	Flat AC Sheeting	49m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)
2861/B00A/R1021/Ceiling Structures/Linings/S5				Chrysotile (white asbestos)		
B00A - R1009 - Practical Activities - 1hb						
Ceiling Structures/Linings	Flat AC Sheeting	14m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)
2861/B00A/R1021/Ceiling Structures/Linings/S5				Chrysotile (white asbestos)		
B00A - R1011 - Uniform Shop						
Ceiling Structures/Linings	Flat AC Sheeting	6m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)
2861/B00A/R1021/Ceiling Structures/Linings/S5				Chrysotile (white asbestos)		
B00A - R1012 - Home Base Store						
No Asbestos						
B00A - R1019 - Home Base Store						
Wall Linings Internal	Flat AC Sheeting	2861/B00A/R0034/Wall Linings Internal/S1				No Asbestos Detected
Ceiling Structures/Linings	Flat AC Sheeting	9m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)
2861/B00A/R1021/Ceiling Structures/Linings/S5				Chrysotile (white asbestos)		
B00A - R1020 - Home Base Store						
Ceiling Structures/Linings	Flat AC Sheeting	14m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)
2861/B00A/R1021/Ceiling Structures/Linings/S5				Chrysotile (white asbestos)		
B00A - R1021 - Movement						
Ceiling Structures/Linings	Flat AC Sheeting	124m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)
2861/B00A/R1021/Ceiling Structures/Linings/S5				Chrysotile (white asbestos)		
B00A - R1022 - Withdrawal Space - 1hb						
Wall Linings Internal	Flat AC Sheeting	2861/B00A/R0034/Wall Linings Internal/S1				No Asbestos Detected
Ceiling Structures/Linings	Flat AC Sheeting	7m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)
2861/B00A/R1021/Ceiling Structures/Linings/S5				Chrysotile (white asbestos)		
B00A - R1023 - Practical Activities - 1hb						
No Asbestos						
B00A - R1024 - Home Base Store						
Ceiling Structures/Linings	Flat AC Sheeting	17m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)
2861/B00A/R1021/Ceiling Structures/Linings/S5				Chrysotile (white asbestos)		
B00A - R1025 - Home Base Store						

Product	Material Description	Extent	Location Reference	Material Condition	Risk Status	Control Priority	
Sample No					Test Result		
Ceiling Structures/Linings	Flat AC Sheeting	14m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)	
2861/B00A/R1021/Ceiling Structures/Linings/S5					Chrysotile (white asbestos)		
B00A - R1026 - Withdrawal Space - 1hb							
Ceiling Structures/Linings	Flat AC Sheeting	11m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)	
2861/B00A/R1021/Ceiling Structures/Linings/S5					Chrysotile (white asbestos)		
B00A - R1027 - Practical Activities - 1hb							
Ceiling Structures/Linings	Flat AC Sheeting	24m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)	
2861/B00A/R1021/Ceiling Structures/Linings/S5					Chrysotile (white asbestos)		
B00A - R1028 - Home Base							
Ceiling Structures/Linings	Flat AC Sheeting	49m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)	
2861/B00A/R1021/Ceiling Structures/Linings/S5					Chrysotile (white asbestos)		
B00A - R1029 - Stairs							
Ceiling Structures/Linings	Flat AC Sheeting	11m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)	
2861/B00A/R1021/Ceiling Structures/Linings/S5					Chrysotile (white asbestos)		
B00A - R1030 - Withdrawal Space - 1hb							
Wall Linings Internal	Flat AC Sheeting	2861/B00A/R0034/Wall Linings Internal/S1				No Asbestos Detected	
Ceiling Structures/Linings	Flat AC Sheeting	8m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)	
2861/B00A/R1021/Ceiling Structures/Linings/S5					Chrysotile (white asbestos)		
B00A - R1031 - Practical Activities - 1hb							
Wall Linings Internal	Flat AC Sheeting	2861/B00A/R0034/Wall Linings Internal/S1				No Asbestos Detected	
Ceiling Structures/Linings	Flat AC Sheeting	13m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)	
2861/B00A/R1021/Ceiling Structures/Linings/S5					Chrysotile (white asbestos)		
B00A - R1032 - Home Base							
No Asbestos							
B00A - R1033 - Home Base							
Wall Linings Internal	Flat AC Sheeting	2861/B00A/R0034/Wall Linings Internal/S1				No Asbestos Detected	
Ceiling Structures/Linings	Flat AC Sheeting	68m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)	
2861/B00A/R1021/Ceiling Structures/Linings/S5					Chrysotile (white asbestos)		
B00A - R1034 - Withdrawal Space - 1hb							
Wall Linings Internal	Flat AC Sheeting	2861/B00A/R0034/Wall Linings Internal/S1				No Asbestos Detected	
Ceiling Structures/Linings	Flat AC Sheeting	10m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)	
2861/B00A/R1021/Ceiling Structures/Linings/S5					Chrysotile (white asbestos)		
B00A - R1035 - Practical Activities - 1hb							
Wall Linings Internal	Flat AC Sheeting	2861/B00A/R0034/Wall Linings Internal/S1				No Asbestos Detected	
Ceiling Structures/Linings	Flat AC Sheeting	13m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)	
2861/B00A/R1021/Ceiling Structures/Linings/S5					Chrysotile (white asbestos)		
B00A - R1036 - Special Programs Room							
Wall Linings Internal	Flat AC Sheeting	2861/B00A/R0034/Wall Linings Internal/S1				No Asbestos Detected	
Ceiling Structures/Linings	Flat AC Sheeting	41m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3)	
2861/B00A/R1021/Ceiling Structures/Linings/S5					Chrysotile (white asbestos)		

Product	Material Description	Extent	Location Reference	Material Condition	Risk Status	Control Priority
Sample No					Test Result	

B00A - R1037 - Stairs

No Asbestos

2017

Product	Material Description	Extent	Location Reference	Material Condition	Risk Status	Control Priority
Sample No				Test Result		

B00D - Pre-School Facilities - 1924 - Brick/Block (Brick/Block)**Exterior**

Wall Cladding	Flat AC Sheeting 2861/B00D/Wall Cladding/S4					No Asbestos Detected
Underfloor Void	Non Accessible Area - No Manhole to access underfloor void					
Ceiling Void	AC Fragments/Debris 2861/B00D/Ceiling Void/S11	2m2	North	Poor Condition - Extensive Damage (4)	Low (1)	Medium Priority (4-5) Chrysotile (white asbestos) , Amosite (brown asbestos) , Crocidolite (blue asbestos)

Interior**B00D - R0001 - General Storeroom**

Wall Linings Internal	Flat AC Sheeting 2861/B00D/R0005/Wall Linings Internal/S3					No Asbestos Detected
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B00D - R0002 - Home Base - Pre

Ceiling Structures/Linings	Flat AC Sheeting 2861/B00D/R0002/Ceiling Structures/Linings/S9	46m2	All surfaces	Good Condition (1)	Low (1)	Low Priority (2-3) Chrysotile (white asbestos) , Amosite (brown asbestos) , Crocidolite (blue asbestos)
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B00D - R0005 - Access Shower/Toilet

Wall Linings Internal	Flat AC Sheeting 2861/B00D/R0005/Wall Linings Internal/S3					No Asbestos Detected
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2017

Product	Material Description	Extent	Location Reference	Material Condition	Risk Status	Control Priority
Sample No				Test Result		

B00E - Administration - 1999 - Brick/Veneer (Brick/Veneer)**Exterior**

Ceiling Voids	No Asbestos Found
Underfloor Voids	No Asbestos Found

Interior**B00E - R0001 - Disabled Toilet**

No Asbestos

B00E - R0002 - Sports Store

No Asbestos

B00E - R0003 - General Assistant/Bulk Store

No Asbestos

B00E - R0004 - Hall Chair Store

No Asbestos

B00E - R0005 - Staff Toilet

No Asbestos

B00E - R0006 - Communal Space

No Asbestos

B00E - R0007 - Raised Platform

No Asbestos

B00E - R0008 - Staff Toilet

No Asbestos

B00E - R0009 - Cleaning Supplies

No Asbestos

B00E - R0010 - Movement

No Asbestos

B00E - R0011 - P.E. Store

No Asbestos

B00E - R0012 - Movement

No Asbestos

B00E - R0013 - Movement

No Asbestos

B00E - R0014 - Cleaning Supplies

No Asbestos

B00E - R0015 - Canteen

No Asbestos

B00E - R0016 - Canteen Office/Store

No Asbestos

B00E - R0017 - Main Switch Board

No Asbestos

B00E - R0018 - Communications Room

No Asbestos

B00E - R0019 - Distribution Board

No Asbestos

B00E - R0020 - Movement

Vinyl Tiles (Under Floor Covering/Carpet)	No Asbestos Found
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B00E - R0021 - Interview

Vinyl Tiles (Under Floor Covering/Carpet)	No Asbestos Found
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B00E - R0022 - Security Store

Note: No inspection of live electrical installation.

Product	Material Description	Extent	Location Reference	Material Condition	Risk Status	Control Priority
Sample No					Test Result	

Vinyl Tiles (Under Floor Covering/Carpet) No Asbestos Found

B00E - R0023 - Staff Toilet

No Asbestos

B00E - R0024 - Staff Toilet

No Asbestos

B00E - R0025 - Staff Toilet

No Asbestos

B00E - R0026 - Staff Toilet

No Asbestos

B00E - R0027 - Clerical Office

Vinyl Tiles (Under Floor Covering/Carpet) No Asbestos Found

B00E - R0028 - Duplicating Workroom

No Asbestos

B00E - R0029 - Disabled Toilet

No Asbestos

B00E - R0030 - Sick Bay

Vinyl Tiles (Under Floor Covering/Carpet) No Asbestos Found

B00E - R0031 - Staff Room

Vinyl Tiles (Under Floor Covering/Carpet) No Asbestos Found

B00E - R0032 - Staff Room Annexe

Vinyl Tiles (Under Floor Covering/Carpet) No Asbestos Found

B00E - R0033 - Deputy Principal

Vinyl Tiles (Under Floor Covering/Carpet) No Asbestos Found

B00E - R0034 - Principal

Vinyl Tiles (Under Floor Covering/Carpet) No Asbestos Found

B00E - R0035 - Movement

No Asbestos

B00E - R0036 - Movement

No Asbestos

B00E - R0037 - Movement

No Asbestos

2017

Product	Material Description	Extent	Location Reference	Material Condition	Risk Status	Control Priority
Sample No					Test Result	

B00F - General Learning - 1918 - Timber (Timber)**Exterior**

Underfloor Voids	No Asbestos Found
Ceiling Void	Non Accessible Area - No Access - Projector and wires make access to manhole impossible

Interior**B00F - R0001 - Home Base**

Floor Coverings	Vinyl Tiles	
Res/Textile	2861/B00F/R0001/Floor Coverings Res/Textile/S7	No Asbestos Detected

B00F - R0002 - Home Base

No Asbestos

B00F - R0003 - Home Base Store

Floor Coverings	Vinyl Tiles	
Res/Textile	2861/B00F/R0003/Floor Coverings Res/Textile/S8	No Asbestos Detected

B00F - R0004 - Movement

No Asbestos

2017

Product	Material Description	Extent	Location Reference	Material Condition	Risk Status	Control Priority
Sample No					Test Result	

B00G - General Learning/Special Purpose Learning - 2010 - Brick/Veneer (Brick/Veneer)**Exterior**

Ceiling Voids	No Asbestos Found
Underfloor Voids	No Asbestos Found

Interior**B00G - R0001 - Special Programs Room - Type 2**

No Asbestos

B00G - R0002 - Home Base Store

No Asbestos

B00G - R0003 - Home Base

No Asbestos

B00G - R0004 - Home Base Store

No Asbestos

B00G - R0005 - Practical Activities

No Asbestos

B00G - R0006 - Withdrawal Space - 2hb

No Asbestos

B00G - R0007 - Home Base

No Asbestos

B00G - R0008 - Home Base Store

No Asbestos

B00G - R0009 - Practical Activities

No Asbestos

B00G - R0010 - Home Base

No Asbestos

B00G - R0011 - Home Base Store

No Asbestos

B00G - R0012 - Practical Activities

No Asbestos

B00G - R0013 - Withdrawal Space - 2hb

No Asbestos

B00G - R0014 - Home Base

No Asbestos

B00G - R0015 - Home Base Store

No Asbestos

B00G - R0016 - Practical Activities - 1hb

No Asbestos

B00G - R0017 - Home Base

No Asbestos

B00G - R0018 - Home Base Store

No Asbestos

B00G - R0019 - Withdrawal Space - 1hb

No Asbestos

B00G - R0020 - Practical Activities - 1hb

No Asbestos

B00G - R0021 - Special Programs Room

No Asbestos

B00G - R0022 - Special Programs Store

No Asbestos

B00G - R0023 - External Movement

Product	Material Description	Extent	Location Reference	Material Condition	Risk Status	Control Priority
Sample No					Test Result	

No Asbestos

2017

Product	Material Description	Extent	Location Reference	Material Condition	Risk Status	Control Priority
Sample No					Test Result	

Demountables

Demountable details as per the AMS records as of 15 Feb 2017.

OS 602 - D11285 - Learning Unit - Standard With P.A.A. : Placement Date - 25/07/2013

Note: This refurbished demountable may have asbestos present in remnant mastic in window frames.

Exterior

No Asbestos Found.

Interior

R1 - Learning space/withdrawal/entry

No Asbestos Found.

R2 - Home Base Store

No Asbestos Found.

OS 602 - D14062 - Learning Unit - Standard With P.A.A. : Placement Date - 23/11/2012

Exterior

No Asbestos Found.

Interior

R1 - Learning space/withdrawal/entry

No Asbestos Found.

R2 - Home Base Store

No Asbestos Found.

2017

Product	Material Description	Extent	Location Reference	Material Condition	Risk Status	Control Priority
Sample No					Test Result	

Listing of Electronic Attachments as of 22/03/2017

There are no asbestos related file attachment(s) for this school.

2017



Appendix 4 – Architectural Plans

17/01/2018 1:24:19 PM



AMMENDMENTS				DESCRIPTION
REV	BY	DATE		
1	CH	17-01-18	ISSUE FOR DA	

LEGEND

DRAFT




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PERUMAL
PEDAVOLI
ARCHITECTS

PENSHURST PUBLIC SCHOOL
18 Arcadia Street, Penshurst

DRAWING NAME
FLOOR PLAN - LEVEL 0

	PROJECT NORTH		0 2000 4000 6000 8000 10000 20000				SCALE 1 : 200 @ A1	
	DRAWN		CHECKED		VERIFIED		DATE	
	Author		Checker		Approver		17-01-18	
	DRAWING NUMBER						REVISION	
	PROJECT CODE		DISCIPLINE		PHASE		SERIES NUMBER	
	3199-ARC-DA_01_010							

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