

PEOPLE WHO BUILD



# CONSTRUCTION MANAGEMENT PLAN

SYDNEY GRAMMAR SCHOOL,  
WEIGALL SPORTS COMPLEX

# CONSTRUCTION MANAGEMENT



## VERSION CONTROL

Rev. No.	Purpose	Authored by	Reviewed by	Issue Date
A	Preliminary Plan	Joseph Elias	Caroline Crook	06 Jul 2020
B	Final Plan	Joseph Elias	Caroline Crook	09 Sep 2020
C	Final; adjustment to working hours	Joseph Elias	Caroline Crook	09 Jun 2021

## APPROVAL FOR ISSUE

Caroline Crook	09 Jun 2021
----------------	-------------

This report is supplied for the sole and specific purpose for use by ADCO's client. The report does not account for any changes relating the subject matter of the report, or any legislative or regulatory changes that have occurred since the report was produced and that may affect the report. ADCO does not accept any responsibility or liability for loss whatsoever to any third party caused by, related to or arising out of any use or reliance on the report.

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	2 of 28

## CONTENTS

VERSION CONTROL.....	2
APPROVAL FOR ISSUE .....	2
Contents .....	3
INTRODUCTION.....	4
DESCRIPTION OF THE WORKS .....	5
CONSTRUCTION OVERVIEW AND STAGING.....	9
CONSTRUCTION MANAGEMENT .....	13
Appendix A – Preliminary Site Management and Staging Plans	
Appendix B - Traffic Impact Assessment	
Appendix C - Hazardous Materials Survey	
Appendix D – Remediation Action Plan	
Appendix E - Geotechnical Investigation	
Appendix F – Noise Impact Assessment	
Appendix G - Aboriginal Cultural Heritage Assessment	

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	3 of 28

## INTRODUCTION

### DEFINITIONS

**Building 1** – Sports facilities building

**Building 2** – Car park

**Stage 1** – Construction of Building 1

**Stage 2** – Construction of Building 2

### BACKGROUND

Sydney Grammar School (SGS) was established in 1854 in Sydney as an independent school for boys. Founded by an Act of Parliament by Sir Henry Parkes, it is one of the oldest schools in Australia.

The School has three campuses - two preparatory Schools located at Edgecliff and St Ives catering for students from kindergarten to year 6 and the senior School for boys from year 7 to 12 located at the founding College Street site in Sydney.

The School's population at St Ives, Edgecliff and College Street are respectively around 400, 300 and 1,150 pupils. The Weigall Sports Ground was first purchased by Sydney Grammar School in 1907 using money raised by its alumni association.

Named after former Headmaster Albert Bythesea Weigall, the grounds have been enjoyed by pupils for more than 110 years, providing recreational facilities to complement their academic and performance education.

### PURPOSE

The purpose of this Preliminary Construction Management Plan to provide an overview of the Weigall Sports Complex Project at Sydney Grammar School and the intended Construction Methodology including the project staging.

This document is to be read in conjunction with the following supporting documentation:

- Traffic Management Assessment by ptc, dated September 2020
- Hazardous Materials Survey by JBS&G dated 11 August 2020
- Remediation Action Plan by JBS&G dated 22 September 2020
- Geotechnical Investigation by Douglas Partners, dated March 2020
- Noise Impact Assessment by White Noise Acoustics, dated 12 September 2020

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	4 of 28

- Aboriginal Cultural Heritage Assessment by Eco Logical Australia, dated 10 September 2020

In developing this Preliminary Construction Management plan The Contractor confirms its commitment to ensuring a safe work site for Sydney Grammar School's employees, students, Contractors, suppliers, subcontractors, visitors, pedestrians and the travelling public.

## DESCRIPTION OF THE WORKS

1. **Demolition** of the following existing structures and buildings (which are not heritage significant) at the southern edge of the SGS Weigall Sports Ground:
  - (a) Multipurpose/tennis courts and associated fencing;
  - (b) Barry Pavilion;
  - (c) The existing cricket nets off Alma Street; and
  - (d) Paved car park near Neild Avenue.
2. **Construction** of the SGS Weigall Sports Complex comprising the following:
  - (a) Building 1 - Sports facilities building accommodating the following facilities:
    - (i) Ground floor: Main pool, programme pool, terrace/assembly facing Weigall, entry foyer, offices, change rooms, back of house, services and external car parking (5 spaces) and loading
    - (ii) Mezzanine floor: spectator terrace and services
    - (iii) First floor: Multipurpose sports hall 01 – basketball and volleyball, Multipurpose sports hall 02 –cardio, weights, taekwondo, fencing, PDHPE, change rooms, storage and services
    - (iv) Level 2: Multipurpose room 04; Multipurpose sports hall 03 –cardio, weights, taekwondo, fencing, PDHPE, storage and services
    - (v) Driveway entry from Neild Avenue (comprising relocation of the existing driveway southwards with existing driveway potential retained for maintenance access)
  - (b) Building 2 – Car park comprising an ancillary car park of one/two split levels accommodating 93 spaces with an additional 4 spaces on grade, accessed from an existing entry from Alma Street (located on the existing cricket nets site). The lower ground level includes the flexibility to be used as an extension of the existing playing fields
  - (c) Parking for a total of 102 cars comprising:
    - (i) Building 1: 5 spaces
    - (ii) Building 2: 97 car spaces (93 within the building and four at grade)
  - (d) Landscaping of the site including tree removal/retention/replacement, paths, fencing and lighting
  - (e) Building identification signage

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	5 of 28

(f) New kiosk substation.

3. **Use** of the completed building as an educational establishment with external/community use of the proposed facilities that coordinates with the programming of the SGS.

The proposal does not include any of the following:

- General learning areas (GLA)
- An increase in the existing student or staff population.

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	6 of 28

## Overview

The key characteristics are summarised below:

## Location

The State Significant Development Application (SSDA) site is part of the Weigall Playing Fields located on Neild Avenue at Rushcutters Bay.

Weigall is bordered by (see **Figure 1**):

- Neild Avenue to the west (Neild Avenue is classified as a collector road and also forms part of the State Road MR625 managed by Roads and Maritime Services)
- State Rail land and the Eastern Suburbs Railway viaduct to the north
- White City (Hakoah Club and Maccabi Tennis Club), SGS Edgecliff Preparatory School, Vialoux Avenue, Alma Street and residential development to the south
- Residential development to the south and north-east



DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	7 of 28

## PROJECT OBJECTIVES

1. Masterplan: A masterplan will provide context for the Weigall Sports Complex and utilisation of the wider site.
2. The Whole Child: Weigall Sports Complex would provide facilities to support Sydney Grammar School's belief that sport and exercise are essential to the healthy development of young people in conjunction with their broader academic and co-curricular education.
3. Consolidation of Facilities: Sydney Grammar School's sporting facilities are currently spread across Sydney. The Weigall Sports Complex would help consolidate locations to improve child protection, supervision and transport.
4. Minimal impact, maximum benefit: Weigall Sports Complex is to be designed and operated to minimise impacts on stakeholders and maximise community benefits.
5. An exemplar building: Weigall Sports Complex is to be an exemplar building of the highest architectural standards that is sympathetic to the landscape of the site and local community.

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	8 of 28



## CONSTRUCTION OVERVIEW AND STAGING

The project is described in two Stages:

- **Building 1**– Sports facilities building
- **Building 2** – Car park

Note that the Stages may be constructed concurrently, or in reverse sequence. The timing of the buildings will depend upon the SGS Preparatory School timetable especially in relation to the Building 2 as the works for the carpark will commence over the December-January school holidays to minimise impact to interface to the Prep School use of the fields.



An adjacent project will be undertaken on the Hakoah Club and there is little likelihood these works will cross over with the two Buildings given the staged approach.

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	9 of 28

## BUILDING 1 – SPORTS FACILITIES BUILDING

The works will commence once the SSDA and Construction Certificate have been obtained. The sequence of activities for this first stage will be as follows:

<b>Site Establishment</b>	Establish the site perimeter fence, install access gates creating a secure site. Install shade banners and legislative signage. Install sediment controls. Install temporary site office and facilities.
<b>Early Works</b>	Relocation of services including sewer and stormwater, installation of electricity substation.  Survey and protection of trees.
<b>Bulk Excavation, Site Remediation, Detailed Excavation and In-Ground Services</b>	Bulk excavation will commence soon after the site has been established. A large portion of the excavation is for the construction of in-ground pool. The Remediation Action Plan will be implemented during this phase. Detailed excavation will commence with in-ground services soon after the bulk excavation is completed.  A thorough inspection process will be undertaken to ensure all in-ground services are correctly installed, inspected and protected throughout the construction process.
<b>Foundations and Footing</b>	The Contractor will work closely with the Structural Engineer and Trade Partners to ensure that the foundation and footings structures are as efficient as possible.  A piling platform will be constructed in consultation with the piling contractor and Geotechnical Engineer for the rigs to operate in a stable and safe manner.
<b>Structural Frame and Façade</b>	The structural concept involves elements which are mostly concrete reinforced structure, concrete columns for vertical support and steel framing for roof elements.  The falsework and beam soffits will be delivered loaded directly to the work area by mobile crane or telehandler. Beam / set down and reinforcement will be positioned and tied prior to the post tensioning strand and anchors are installed.  Mobile concrete pump and placing booms will deliver concrete to the decks from predetermined locations which minimises impact to the rest of the operational site.

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	10 of 28

# CONSTRUCTION MANAGEMENT



	Edge protection for the structure will be provided by a perimeter scaffold. This will also facilitate the installation of the façade upon completion of structure.
<b>Internal Set-out</b>	To mitigate against services clashes and delays through poor stacking once the slab soffit has been cleared, the wall set out, room labelling, and main service runs will be set out on the soffit of the slab above.
<b>Wall and Ceiling Framing</b>	<p>Wall and ceiling framing will be installed with a single side of plasterboard readying the area for the services rough-in. Focus on frame design including wall stiffening for doors and openings to ensure long term resilience and flexibility.</p> <p>During this phase the fire and smoke zones will be installed and inspected. Details will be recorded with Inspection and test plans couple with consultant inspections and photographic evidence.</p>
<b>Services Rough-in and Second Fix</b>	<p>Second fix services rough in will be undertaken once the wall framing &amp; single sided wall linings have been installed. Wall reinforcing with backing boards, noggings and the like will also be installed at this time.</p> <p>A detailed QA inspection and signoff process will be undertaken to ensure that all service requirements and supports are installed as specified per wall per room.</p>
<b>Wall and Ceiling Linings</b>	<p>Wall and ceiling sheeting will be installed, which will also be set and sanded in preparation of painting and the final services fit off.</p> <p>A detailed QA inspection and signoff process will be undertaken to ensure that all service requirements and supports are installed as specified per room prior to the ceiling closed in or tiled out.</p>
<b>Floor finishes</b>	<p>Specific care is to be taken to level structural slabs for the floors to accept the final finish. Toppings and prep floor to required tolerance to accept the specifies floor finish. Prior to the installation of floor finishes the slabs and topping will be sealed to create an impervious barrier.</p> <p>Protective sheeting will be installed over applied finishes for protection during the final painting and services fit off.</p>

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	11 of 28

<b>Joinery Installation and Fixed FF&amp;E</b>	Doors, hardware, fixed joinery and fixed FFE will be installed, with protection to exposed surfaces where required.
<b>Commissioning</b>	Testing and commissioning of all services, including the new pools will progressively take place during the fit out.
<b>External Landscaping</b>	All hard and soft landscaping including fencing, retaining walls, handrails, playing courts etc will then be completed.
<b>Final Clean</b>	Removal of all protection boards and films then sparkle clean all surfaces.

## BUILDING 2 – CAR PARK

The sequence of activities for the second stage will be as follows:

<b>Establishment</b>	Establish the site perimeter fence, install access gates creating a secure site. Install shade banners and legislative signage. Install sediment controls.
<b>Bulk Civil</b>	Undertake topsoil strip with site remediation then bulk cut to fill works to the underside formation level of the building and surrounding surfaces. Undertake geotechnical investigations and remediation works to make suitable the ground conditions for future building works. The Remediation Action Plan will be implemented during this phase.
<b>Detailed Excavation, Services and Foundations</b>	Undertake the detailed excavation, foundations, trenching and installation of external services into the site.
<b>Structural Frame</b>	<p>The falsework and beam soffits will be delivered loaded directly to the work area telehandler. Reinforcement will be positioned and tied prior to the post tensioning strand and anchors are installed.</p> <p>Mobile concrete pump and placing booms will deliver concrete to the decks from predetermined locations which minimises impact to the rest of the operational site.</p> <p>Edge protection for the structure will be provided by a perimeter scaffold. This will also facilitate the installation of the façade upon completion of structure.</p>

<b>DOCUMENT TITLE</b>	CONSTRUCTION MANAGEMENT PLAN	<b>DOCUMENT CREATED</b>	06 JULY 2020
<b>PROJECT</b>	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	<b>DATE OF THIS REVISION</b>	09 JUNE 2021
<b>REVISION</b>	C	<b>PAGE</b>	12 of 28

# CONSTRUCTION MANAGEMENT



## Services, Fit out and Commissioning

Services and fit-out will be undertaken once the car park structure is stripped. Once complete, the car park will be commissioned, tested and handed over.

The preliminary staging and site management plans have been included in Appendix A.

## CONSTRUCTION MANAGEMENT

The Contractor will coordinate with Jattca Property Solutions, Sydney Grammar School, the principal consultants and Trade Partners working on project as well as with designated school staff and stakeholders.

The Contractor will ensure suitable and safe access, including any applicable social distancing precautions, is maintained at all times around the site for SGS staff, students, and visitors by the Contractor, including but not limited to the preparation of, and consultation regarding, the maintenance of an access plan that will 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
- Temporary lighting.

## HOURS OF WORK

Hours of work permissible by Woollahra Municipal Council will be followed over the course of the project:

- General Site Works: Monday to Friday 7.00am to 6.00pm,
- Noisy Works: Monday to Friday 8.00am to 5.00pm
- Saturday 8.00am 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.

## SITE SECURITY

The Contractor will secure the boundaries of the site for the duration of works. The site area will be fenced off using Class A plywood hoardings, 2100mm in height. All temporary structures will be robustly designed and signed off by a certified structural engineer, will be inspected daily with

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	13 of 28



ongoing maintenance for the duration of the project. Branded shade cloth will be placed on the hoarding to present a clean and well managed site.

Fabricated steel gates will create openings into the site, will be separated from the worker entrance door and will be secured by a digital dead latch so as to control access. Statutory, designation and way-finding signage will be installed on each entry point into the project warning staff, visitors and the general public that an area which is 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.

## ACCESS FOR CONSTRUCTION PERSONNEL

Access by the Contractor, subcontractors, suppliers, and workers to the project site will be via two entrances, one off Neild Avenue and one off Vialoux Avenue. The main works will be in Two phases to ensure the operation of the School:

- Building 1 for the Sports facilities building; and
- Building 2 for the new Car park.

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.

## SITE AMENITIES

The preliminary resource analysis to achieve the programme identifies a peak construction workforce of 80 workers and average of 50 workers. The number of workers on site equates to 155 FTEs across the life of the project in accordance with the QS Estimate by WT Partnership. In addition to providing site accommodation for the construction workers, The Contractor will provide a compliant office space for The Client and its agents to work from site. The preliminary strategy for accommodating the workforce utilises double-stacked site sheds, with entrance off Neild Avenue.

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	14 of 28



## ACCESS FOR SGS AND VISITORS

Access for SGS 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 (need to define). 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 Jattca and SGS prior to the implementation.

SGS staff will not be able to access the construction works unless prior arrangements have been made with Jattca and the Contractor. If access is granted for SGS, the staff members must be accompanied by a representative of Jattca and the Contractor.

It is also recommended that 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. The Contractor shall ensure suitable and safe access is always maintained around the site for SGS staff, students, visitors and general public. The Contractor will consult with Jattca and SGS and develop access plans that will be incorporated within the Contractor's Site Management Plan. The plans will include:

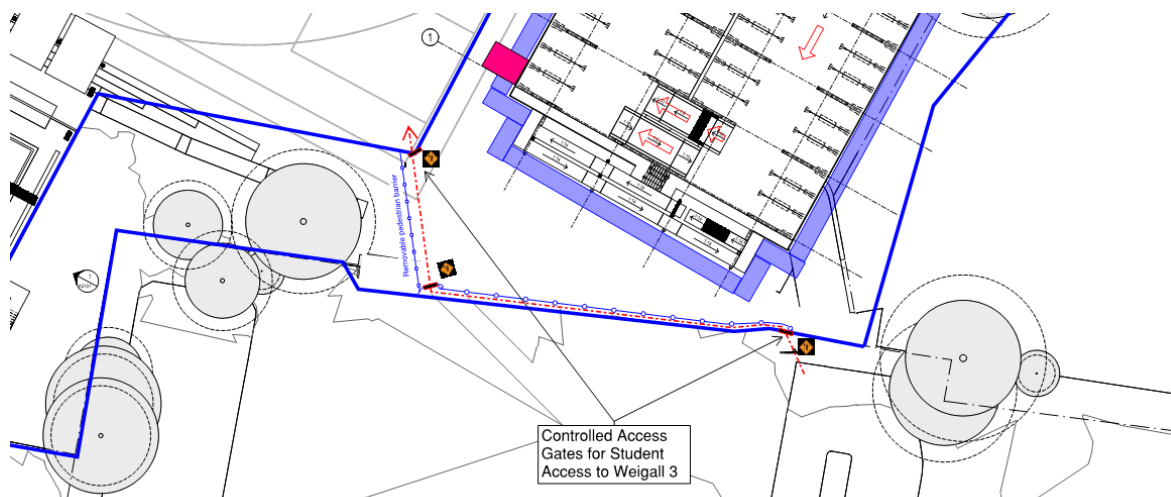
- Temporary Signage around the site

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	15 of 28

- Temporary pedestrian crossings and access points
- Temporary paths and ramps
- Hoardings and site fencing

## ACCESS FOR SGS to WEIGALL FIELDS

Controlled access gates, which will be supervised and managed by Traffic Controllers, will be installed to allow access onto Weigall Fields.



## DESIGNATED CONSTRUCTION ROUTES

Deliveries to the site will be carried out in accordance with the work hours as approved by the development consent approvals and the Preliminary Construction Traffic Management Plan included in Appendix B. The CTMP will also be developed in consultation with Jattca and SGS which will reduce potential impact to the surrounding road infrastructure

All suppliers and subcontractors will be issued with the CTMP with directional maps to be issued to all delivery drivers prior to dispatch. Traffic Controllers will be on hand for major operations e.g. concrete pours and large deliveries such as structural steel.

The general principals of the traffic management strategy are:

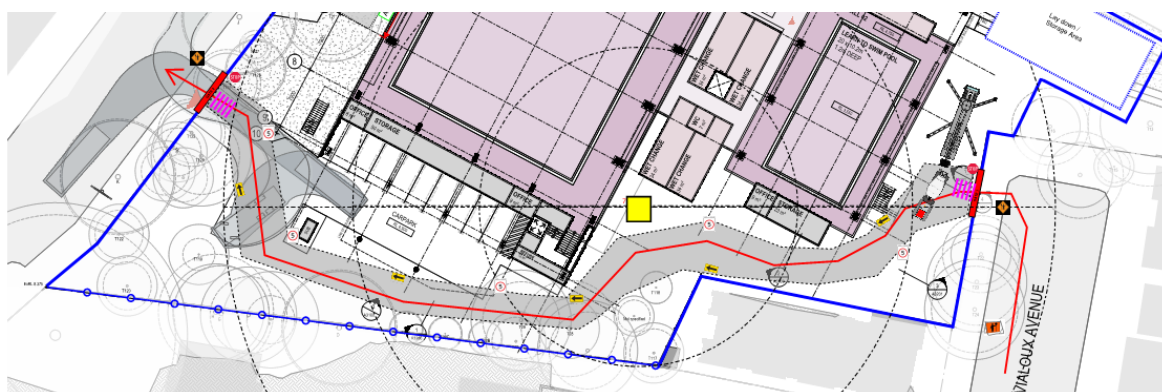
- All vehicles will enter and leave site in a forward direction;
- All vehicles will be accepted directly into the site with no vehicles staging on the public roadways;
- Deliveries will be restricted from the school peak drop off and pick up times, ie no movements between 8:00am to 9:30am and 2:30pm to 4:00pm on school days;

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	16 of 28

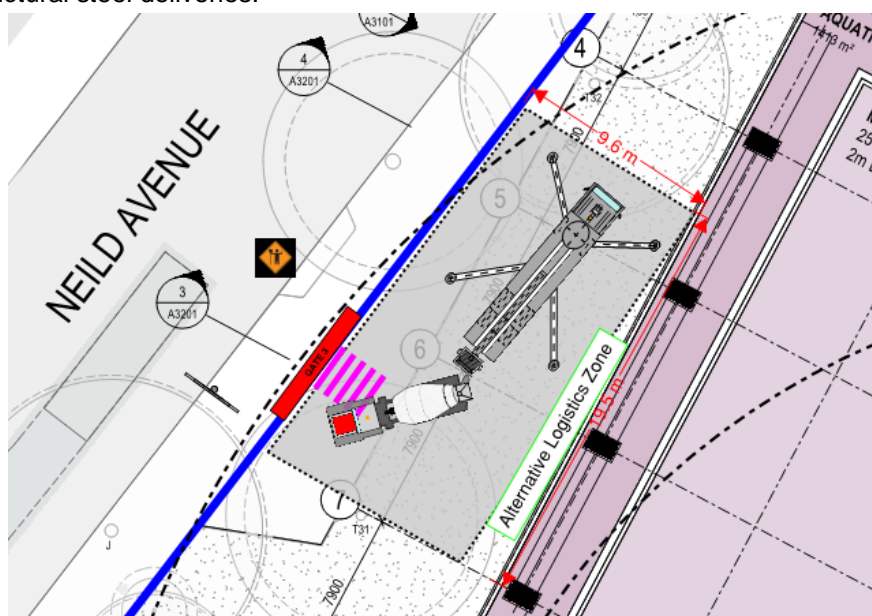


- Vehicles will be restricted to Medium Rigid.

During the Building 1 works, vehicles will primarily approach the site from Vialoux Avenue and turn left into the site through Gate 1. Once the vehicles are unloaded, via the proposed Tower Crane, the vehicles will proceed to exit onto Neild Avenue through Gate 2.

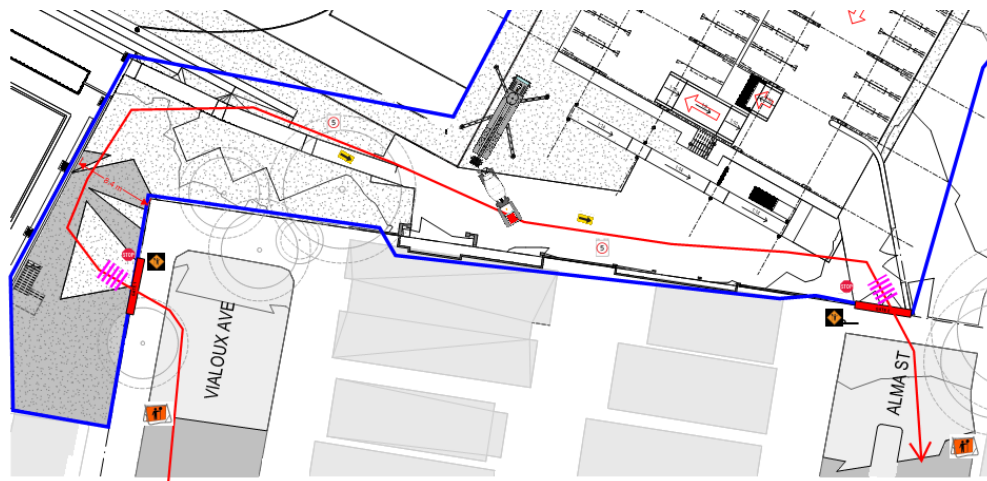


An entrance point into the site will be made available off Neild Avenue, through Gate 3. This will be limited to larger deliveries that can not be facilitated by MR vehicles, such as larger concrete pours or large structural steel deliveries.



During Building 2 works all vehicles will approach the site from Vialoux Avenue, turn right onto the site and depart onto Alma St.

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	17 of 28



The primary access routes will be stabilised with crushed rock, a rumble grid and suitable sediment controls so to minimise off-site tracking of materials. Each gate will be equipped with a rock-check and wheel-wash station to further improve our impacts on the external road network.

## ACCESS FOR EMERGENCY VEHICLES AND PERSONNEL


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 the Contractor will ensure suitable access is always maintained for emergency vehicles and the general public on and off the site.

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	18 of 28

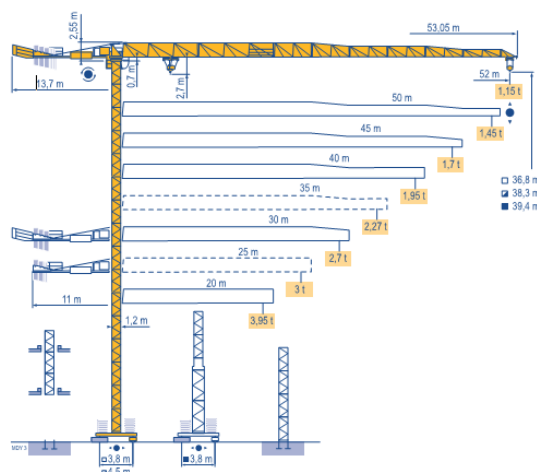
## MATERIALS HANDLING

Several crane solutions have been considered to service the project including various tower crane configurations and mobile crane arrangements. The most efficient being a tower crane. Considering the set-up zones and the building sizes we would utilise the following cranes:

- Franna and All-Terrain Mobile Cranes – for initial site set up and plant unloading.

Pick & Carry Franna Crane	35t All Terrain Mobile Crane	55t All Terrain Mobile Crane
		

- Tower Crane – formwork, falsework, reinforcement deliveries, plant, and facade deliveries to the upper levels of the Weigall Sports Complex



DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	19 of 28

The Contractor will, in consultation with the Geotechnical Engineer, ensure set up location ground conditions are suitable or appropriately engineered and prepared. Will the tower crane move over the adjoining buildings and are we required to obtain permission from the neighbours?

Materials handling throughout the construction zone will be benefited by using an all-terrain telehandler to assist unloading trucks and shuttling material around site. Fitted with rotating forks, they will predominantly move palletised goods around site; to the loading platforms, and empty small rubbish bins into the larger waste bins for removal of site.



The Weigall 3 field will periodically be used as a staging area for larger crane lifts.

## HOT WORKS

The Contractor will comply with the provisions of the Safework NSW Guidelines for Controlling Hot Work on Construction Site. Contractors will carry out hot works in accordance with applicable building industry standards and codes of practice.

## TREES

Existing trees will be tagged and identified in coordinated with the Arborist Report. Those classified to remain will have tree protection zones established using temporary fencing panels and signage.

## NO SMOKING POLICY

Sydney Grammar School's 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 this Policy and ensure there is no smoking on site including site offices and subcontractor facilities.

## ADJOINING PROPERTIES

The Contractor 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 The Client

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	20 of 28

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 SGS.

## SOIL EROSION AND SEDIMENTATION

The Contractor will be required to submit an erosion and 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 local government area.

## HAZARDOUS MATERIAL REMOVAL

The removal of Hazardous Material from buildings and structures is undertaken prior to the demolition of the Stage 1 works (Weigall Sports Complex) and during civil works in Stage 2 (WSC Carpark). Hazmat will be treated in accordance with the Appendix C – Preliminary Site Contamination and all other statutory requirements.

## PARKING

Contractors and Trade Partner personnel will not be permitted to park vehicles in the school carpark or any other area of the school grounds. All Trade Partners will keep the neighbouring streets clear to allow the school and other road users unobstructed access in and out of the area. The Contractor will ensure all persons inducted on the project are advised of the traffic and parking policy for the project.

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	21 of 28

## Appendix A – Preliminary Site Management and Staging Plans

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	22 of 28

## Appendix B - Traffic Impact Assessment by ptc dated September 2020

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	23 of 28

## Appendix C - Hazardous Materials Survey by JBS&G dated 11 August 2020

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	24 of 28



## Appendix D – Remediation Action Plan by JBS&G dated 22 September 2020

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	25 of 28

## Appendix E - Geotechnical Investigation by Douglas Partners dated March 2020

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	26 of 28

## Appendix F – Noise Impact Assessment by White Noise Acoustics dated 12 September 2020

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	27 of 28

Appendix G - Aboriginal Cultural Heritage Assessment by Eco Logical Australia, dated 10 September 2020

DOCUMENT TITLE	CONSTRUCTION MANAGEMENT PLAN	DOCUMENT CREATED	06 JULY 2020
PROJECT	SYDNEY GRAMMAR SCHOOL, WEIGALL SPORTS COMPLEX	DATE OF THIS REVISION	09 JUNE 2021
REVISION	C	PAGE	28 of 28