

Preliminary Construction Management Plan

Sydney Catholic Schools – St Anthony of Padua



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1.0 Introduction

1.1 Purpose of Report

This preliminary Construction Management Plan (CMP) has been prepared to outline a range of safety, health, traffic and environmental considerations for the purpose of lodgement of a State Significant Development Application (SSDA) for the expansion of St Anthony of Padua Catholic School, Austral (StAP).

This CMP provides a general framework based on the initial masterplan concept. Following development approval and review of Development Approval conditions, the CMP will be reviewed and revised to incorporate the detailed design, including a detailed Construction Management Plan by the relevant head contractors.

1.2 Project Information

The site is located at 125 – 165 Tenth Avenue and 140 – 170 Eleventh Avenue, Austral within the Liverpool Local Government Area. The site consists of Lots 809, 812, 841-843 DP 2475 and has an area of approximately 6.076ha with three street frontages.

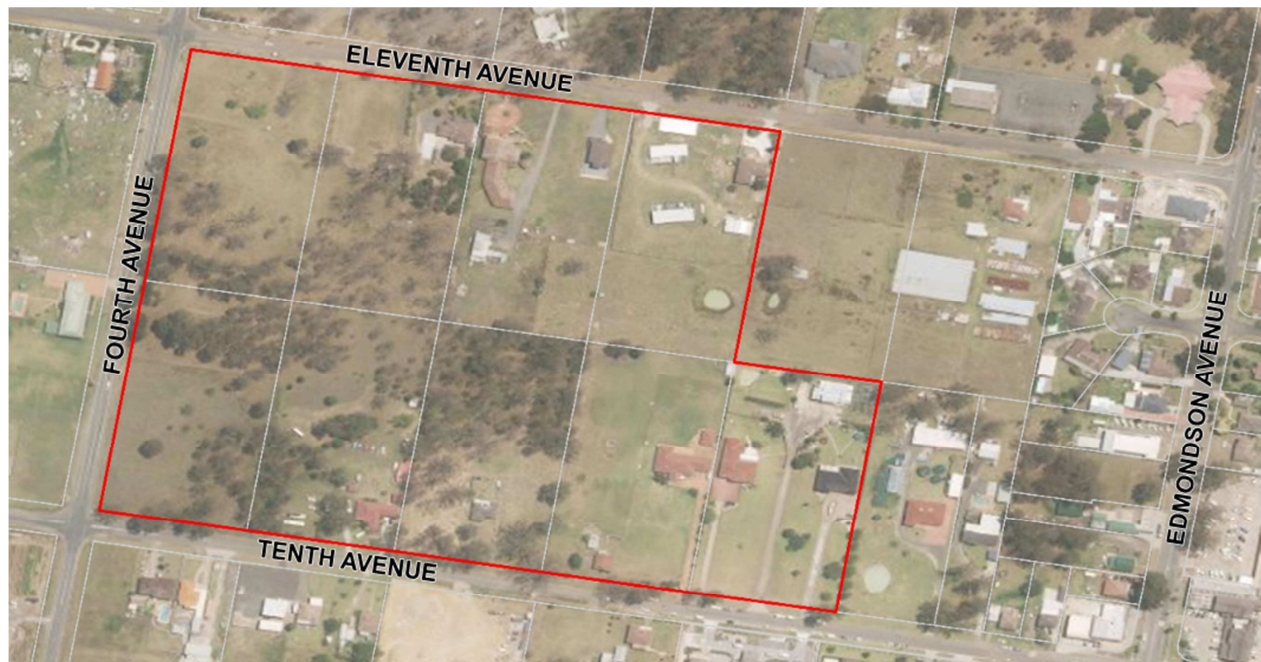


Figure 1: Site location

The development comprises construction of the following works as per the attached staging plan at Appendix A. Please refer to Architectural plans for construction extent during each phase.

STAGE	CONSTRUCTION WORKS
STAGE 1	Two story junior school building Section of the internal link road with parking Landscaping, including playground areas and playing courts
STAGE 2	Three story school administration building The Fourth Avenue main carpark Landscaping to the Eleventh Avenue Plaza
STAGE 3	Three story senior school building The internal school forum Landscaping, including playground areas and market garden The Fourth Avenue secondary carpark
STAGE 4	Two story senior school building Playing courts The Tenth Avenue Carpark
STAGE 5	The multi-purpose hall
STAGE 6	The school playing field The trade training centre
STAGE 7	Church

1.3 Construction Activities

The development of the site will generally include the following activities:

- Site establishment, including installation of site sheds and amenities
- Demolition of existing buildings
- Site remediation works
- Civil infrastructure works, including clearing of the site, bulk earthworks, stormwater works, road gutter and footpaths, utility services
- Building works, including detailed earthworks/excavation, services works, structural works, brick & block works, wall cladding and roofing, glazing, and internal fit outs and furnishing
- Landscaping works

2.0 Management of the Site

2.1 Legislative Framework

All activities carried out during the development will comply with the consent condition, and the relevant provisions of building codes and legislations which must be complied with in undertaking the works as required, including the following:

- Work Health and Safety Regulation
- NSW Environmental Protection Agency

2.2 working Hours

The contractor will comply with the working hours identified in the Interim Construction Noise Guideline 2009 prepared by the Department of Environment and Climate Change as follows:

- Monday to Friday – 7am to 6pm
- Saturdays – 8am to 1pm
- No work on Sundays or public holidays

Out of hours works may be required from time to time and a separate application will be made by the Contractor to seek approval.

2.3 Management Structure

A Head Contractor will be engaged for each stage of the development to manage the site and deliver the works through its specialist subcontractors and trades.

The head contractor will be responsible generally for the following:

- Carrying out risk assessments, setting up management systems, and implementing these management systems
- Construction site management
- Appointing, monitoring and administering the progress of the specialist subcontractors and trades
- Construction program issues
- Complying with the relevant Development Approval Conditions
- On site Work Health & Safety
- Management of environmental issues on site
- Implementing a working with children check process in accordance with Sydney Catholic Schools standard construction protocols
- Undertaking a hazard materials identification and management process

2.4 Health & Safety

The works will be delivered in accordance with the relevant WHS Act and Regulations. As such, prior to construction commencing for each stage of the works, the Head Contractor will prepare a site specific Safety

2.5 Site Plan – Public Safety & Security

Prior to construction commencing for each stage of the works, the Head Contractor will prepare a construction site plan specific to each stage of works. The plan will include:

- Site boundaries and fencing
- Detail of site signage
- Site office and amenities
- Site entry/exit gates
- On site traffic management
- On site materials storage and handling
- Staging of works

Hoarding and fencing will be installed in accordance with Australian Standards and WorkCover requirements to prevent public access and to maintain security to the area of works.

Vehicular access/egress gates will be manned by qualified traffic supervisors at the time of vehicular access and egress to the site.

At various stages of the works, different portions of the site will be fenced. These protection measures will be reviewed at the time of Contract award for the works to ensure alignment with proposed preferred construction methodologies and to ensure the safety of staff and students of the operational school and general public is maintained at all times.

2.6 Neighbour Management

From the commencement of construction until completion of the works, the Head Contractor will be required to maintain a community liaison officer on the project. This office will be contactable by mobile phone and email and these details will be clearly advised on site hoarding and community updates. The Head Contractor will be required to maintain a register of complaints and to report on the status of complaints on a monthly basis. Any complaints that cannot be addressed by the Head Contractor will be escalated to Sydney Catholic Schools for resolution of the issues and for a decision to be made.

2.7 Dilapidation Survey

Prior to construction commencing for each stage of the works, the Head Contractor will prepare a dilapidation survey of the surrounding roads and roads sharing a boundary with the site.

2.8 Operational Site Management

Prior to construction commencing for each stage of the works, the Head Contractor will prepare an operation site management plan. The plan will address how the site will be managed on a site being shared with a school, and will include:

- Management of the working with children check process

- Details of site fences and signage to delineate between school and site areas so as students and parents cannot access the site
- Management of material deliveries to avoid school pick up and drop off times
- Management of school pick up and drop off to ensure safety of students
- Programming of noisy and disruptive works to avoid school activities such as exams and school events

3.0 Traffic Management



A preliminary Construction Traffic Management plan is included in Parts 3.58-3.69 of the Colston Budd Rogers & Kafes Pty Ltd Transport and Accessibility Impact Assessment. Prior to construction commencing for each stage of works, the Head Contractor will prepare a construction traffic management plan. The plan will include consideration of the following:

- Vehicle access to the site during construction
- Construction vehicle routes
- Traffic and parking effects
- Measures to manage and protect pedestrian movements
- On-street works zones
- Measures to manage and control construction traffic at the site

4.0 Environment & Amenity



Prior to construction commencing for each stage of the works, the Head Contractor will prepare an Environmental Management Plan (EMP). The EMP will provide control procedures and checklists so as to prevent construction adversely impacting on the environment. The EMP will include controls for:

- Erosion and sediment control management
- Noise and vibration management
- Air quality and dust
- Flora and fauna management
- Contamination and hazardous materials removal (if relevant)
- Heritage and archaeology (if relevant)
- Construction waste management

The environmental performance of the Head Contractor will be monitored throughout each stage of the works. The following specific principles will be implemented:

Sediment control

The Head Contractor for each stage of the works will prepare a detailed Storm Management Plan which will cover all aspects of stormwater and sediment management and control during construction. These sediment and erosion control will be provided in accordance with the Warren Smith & Partners Civil Engineering Services Report.

Noise & Vibration

A preliminary Construction Noise and Vibration plan is included in Part 4.3 and 6 of the JHA Acoustic SSD DA Report. Prior to construction commencing for each stage of the works, the head Contractor will prepare an EMP addressing noise and vibration in accordance with the preliminary report.

Dust

Management of dust prevention is to be developed by the Head Contractor and agreed by the project stakeholders. To control dust generation where necessary, water will be sprayed at the source of origin and surrounding areas to prevent airborne dust particles migrating into the surrounding environment. Dust management controls will be provided in accordance with section 7.2.1 of the Warren Smith & Partners Civil Engineering Services Report

5.0 Waste Management

Prior to construction commencing for each stage of the works, the Head Contractor will prepare a Waste Management Plan. The Waste Management Plan will be prepared in accordance with the preliminary Construction & Demolition Waste Management Plan prepared by Foresight Environmental.

Appendix A – Staging Plan

