

CONCEPT CONSTRUCTION TRAFFIC & PEDESTRIAN MANAGEMENT PLAN



NEWCASTLE GRAMMAR SCHOOL – PARK CAMPUS

127 UNION STREET, COOKS HILL

TABLE OF CONTENTS

1.0 INTRODUCTION	3
2.0 INGRESS AND EGRESS OF VEHICLES TO THE SITE	4
3.0 DETAILS OF LOADING AND UNLOADING ZONES	4
4.0 PEDESTRIAN TRAFFIC MANAGEMENT METHODS	4
5.0 PARKING MEASURES DURING CONSTRUCTION	5
6.0 TRAFFIC CONTROL SIGNS	5

1.0 INTRODUCTION

This document provides concept details of the management of traffic and pedestrian movements to be implemented during construction of the proposed additions to the Newcastle Grammar School – Park Campus. The project generally involves the site preparation including demolition of existing structures and construction of 2 new school buildings, associated car parking and landscaping.

- Site establishment
- Demolition of existing buildings
- Installation of driveway crossings and construction of 'Kiss and Ride' laneway.
- Earthworks
- Reinforced concrete pits and slabs
- Brickwork
- Metal roofing
- Storm water and civil drainage
- Pavement & landscaping
- Electrical installations
- Framing, linings
- Internal and external finishes

The plan covers the following areas:

- Ingress and egress of vehicles to the site.
- Details on loading and unloading zones.
- Onsite parking measures during construction.
- Pedestrian management strategies.

Normal working hours should be between the following:

1. Between 7:00 am and 6:00 pm, Mondays to Fridays inclusive;
2. 8:00 am and 1:00 pm, Saturdays,
3. No work on Sundays, public holidays or on a Saturday or Sunday adjacent to a public holiday.

If works are required to be undertaken outside these hours approval will be obtained from the Project Manager prior to the carrying out of the works.

The intention is to where possible undertake a large portion of the construction works either within the 7 week end of year school break (December / January) or the 3 week mid-year school break (June / July) to minimise the impact of the construction works on the operation of the school.

This plan seeks to have Newcastle City Council's Traffic Committee approve Construction Zones on Union Street along the school frontage (Parkway Avenue to a point 90 metres north of Parkway Avenue) for Stage 1 construction works and on Corlette Street along the school frontage (Parkway Avenue to a point 90 metres north of Parkway Avenue) for Stage 2 construction works. The Union Street construction zone will require the temporary relocation of a bus stop located within this zone to a point 90 metres north of the existing bus stop.

2.0 INGRESS AND EGRESS OF VEHICLES TO THE SITE

The factors that have been considered in preparing this Construction Traffic Management Plan are:*

- The work site has direct frontage to local roads (Union Street, Parkway Avenue and Corlette Street).
- There will be limited on site car parking provided.
- All deliveries and workers will approach the site via Union Street and Parkway Avenue.

The builder will employ the use of a professional traffic control crew when there will be impacts on the local traffic and pedestrian flow. As part of the pre-works setup, the professional traffic crew will develop and implement a traffic management plan specific to the task at hand, based on the parameters of the Construction Traffic Management Plan adopted in this document and approval from the relevant authorities.

3.0 DETAILS OF LOADING AND UNLOADING ZONES

Union Street will be the primary access for deliveries, loading and unloading, and heavy logistics associated with the construction work for Stage 1 while the primary access for Stage 2 will be Corlette Street. Wherever possible all loading / unloading will occur onsite via a temporary construction access via Corlette Street. Any loading / unloading on Union Street and Corlette Street will be carried out within an approved Construction Zone and under traffic control in non-peak traffic hours (before 8 am and between 9 am & 3 pm).

No unloading / loading will occur in Parkway Avenue in the vicinity of the school's bus set down and drop off zones and the major pedestrian access points to the school. No amendments are required to the school bus zones as a result of construction.

4.0 PEDESTRIAN TRAFFIC MANAGEMENT METHODS

Construction may interfere with pedestrian movements along the school frontage in Union Street (Stage 1) and Corlette Street (Stage 2) during loading and unloading of deliveries and waste within an approved Construction Zone. However with deliveries restricted to before 8 am and between 9 am and 3 pm the peak pedestrian traffic periods are avoided and the impact of the construction on pedestrian movements is minimised.

At all times however traffic marshals will monitor and restrict pedestrian movements through the construction zone when necessary to ensure the safety of pedestrians. The marshal's will guide pedestrians safely through or around the construction zone. Where necessary pedestrians will be protected by fencing or concrete barriers with a safe travel route identified with hi-vis bunting. Prior to commencement of construction a pedestrian movement management plan will be prepared by the building contractor for each stage of the works and implemented during construction.

The construction site itself will be suitable fenced off to prohibit unauthorised pedestrians from the road or within the school accessing the construction site.

5.0 PARKING MEASURES DURING CONSTRUCTION

The site is restricted in terms of area due to the requirement that the school still needs to operate during construction and there will be limited parking available on-site and within an approved construction zone in Union Street or Corlette Street. Only essential employee vehicles will be allowed to park in these areas i.e. tradesmen vehicles carrying tools and / or product. Non-essential employee vehicles will be required to park in the northern end of the Bar Beach public car park approximately 850 metres east of the construction site. Construction employees will be shuttled between the site and car park using available essential construction vehicles allowed to park within the construction zone. Site induction documentation will alert all construction employees and contractors of the parking restrictions to minimise the impact of construction on Union Street and Corlette Street residents.

6.0 TRAFFIC CONTROL SIGNS

During construction Parkway Avenue, Union Street and Corlette Street will be subject to construction traffic impacts and as such reduced daylight hours speed zones should be in place along the school frontage during construction. This will be included in a construction zone application to Newcastle City Council's traffic committee prior to commencement of construction activities on the site. Advance warning signs on Union Street, Corlette Street and Parkway Avenue will be required in accordance with a traffic control plan prepared for the building contractor as part of Construction Certificate documentation and implemented prior to the start of any construction works. Suitably accredited traffic marshals from professional Traffic Control companies will be employed to install and maintain the signage as well as monitor and control vehicle and pedestrian traffic through the construction zones during construction.