

30 AUBURN ROAD PTY LTD

**CONSTRUCTION TRAFFIC MANAGEMENT PLAN
FOR
STAGE 3 BUILDING C DEVELOPMENT
FOR MIXED USE DEVELOPMENT
AT
30-46 AUBURN ROAD
REGENTS PARK**



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 - **Tuesday 01/08/2023 between 4 – 6 pm**
 - **Wednesday 02/08/2023 between 7 – 9 am**
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 - **Auburn Road/ Carlingford Street/ Park Road – Roundabout**
 - **Auburn Road/ Amy Street – Roundabout**
 - **Bagdad Street/ Auburn Road – Seagull**
 - **Morris Street/ Auburn Road – Give way**
 - **Wellington Road/ Tewinga Street/ Auburn Road - Roundabout**

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- **Traffic Control Plan of Management**
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1.0 INTRODUCTION

1.1 Purpose

This report has been prepared to address the Planning Secretary's environmental assessment requirements (SEARS) to respond to Traffic, Transport and Accessibility for Stage 3 Building C.

This condition reads: -

"If the construction of the development would cause interruptions to regular pedestrian and transport routes (including public transport, active transport or general traffic), a preliminary Construction Traffic (or Transport) Management Plan (CTMP) should be prepared as part of the TIA to mitigate any such impacts."

1.2 Scope of Report

The Traffic Management Plan details the measures to be implemented in the demolition of existing warehouse buildings and the excavation benching, bulk earthworks, construction of internal roads and stormwater drainage and curtilage landscaping, the implementation of site establishment and site compound areas, in accordance with the SEARS Requirements, to satisfy Condition No 9 Transport of SSD-57703458.

This plan is a guiding document. Due to the requirements of design development and construction, the plan will need to be updated to reflect developed design requirements, construction methodology and conditions on site.

1.3 Plan Objectives

The objectives of the Traffic Management Plan are to:-

- Ensure the safety of contractors and construction workers on site, pedestrians, passing traffic and the general public.
- Keep traffic delays to a minimum.
- Maintain safe property access to the construction site.
- Minimise disruptions to adjoining residential properties.
- Satisfy **Condition No 9** of **SSD-57703458**.
- Reference is made to Canterbury Bankstown Work Permit Information for Traffic Management Control Plans. A copy of this document is located in **Appendix B**.

1.4 Definitions

The following definitions and abbreviations are used in this Traffic Management Plan:-

SRV	Small Rigid Truck
MRV	Medium Rigid Truck
RMS	Roads and Maritime Services
TMP	Traffic Management Plan
TCP	Traffic Control Plan
TGS	Traffic Guidance System
PPE	Personal Protective Equipment

1.5 Responsibilities

It will be the responsibility of the Site Construction Supervisor, to ensure that the Traffic Management Plan is followed and implemented. A copy of the **TMP** is to be *kept on site at all times*. It is the responsibility of every person employed on the work site to comply with the guidelines as set down in accordance with the site safety plan and this TMP.

1.6 Management of the TMP (Traffic Management Plan)

The Traffic Management Plan and Traffic Control Plans must be followed and implemented by the Responsible Site Supervisor for the Construction Site. Any worker setting up *temporary traffic control* or Traffic Controllers must wear PPE and be suitably trained.

A copy of the Traffic Management Plan is contained in **Appendix D** of this report.

1.7 Traffic Guidance Scheme Plans TGSP (TCP's)

Traffic Controls Plans for each Stage of the Construction Program are provided in **Appendix A** of this report.

Traffic shall be controlled in accordance with the following legislation, standards and Codes of Practice.

AS1742.3-2019	Manual for Uniform Traffic Control Devices, Part 3 - Traffic Control Devices for Works on Roads.
TfNSW	Traffic Control at Work sites Version 6.1 (TCAWS Technical Manual February 2022).
Austroads AGTTM03	Guide to Temporary Traffic Management, Part 3 – Static Work Sites.
Austroads AGTTM07	Guide to Temporary Traffic Management, Part 7 – Traffic Controllers.

1.8 References

The following Australian Standards and legislation should be referenced to:-

- AS/NZS 1742.3 – 2019. Manual of Uniform Traffic Control Devices. Part 3 – Traffic Control for Works on Roads.
- TfNSW Traffic Control at Work sites Version 6.1 (TCAWS Technical Manual February 2022).
- AS/NZS 3845.1 – 2015. Road Safety Barrier Systems and Devices. Part 1: Road Safety Barrier Systems.
- Work Health and Safety Act 2011 (NSW) No 10 updated 16 September 2024
- Work Permit Information Sheet The City Of Canterbury Bankstown.

2.0 CONSTRUCTION PROGRAM AND SUMMARY

2.1 Project Summary

The construction program involves 6 stages. The project involves localized excavation for the basements, construction of the basement car parks and construction of the mainframe building, fit out and landscaping.

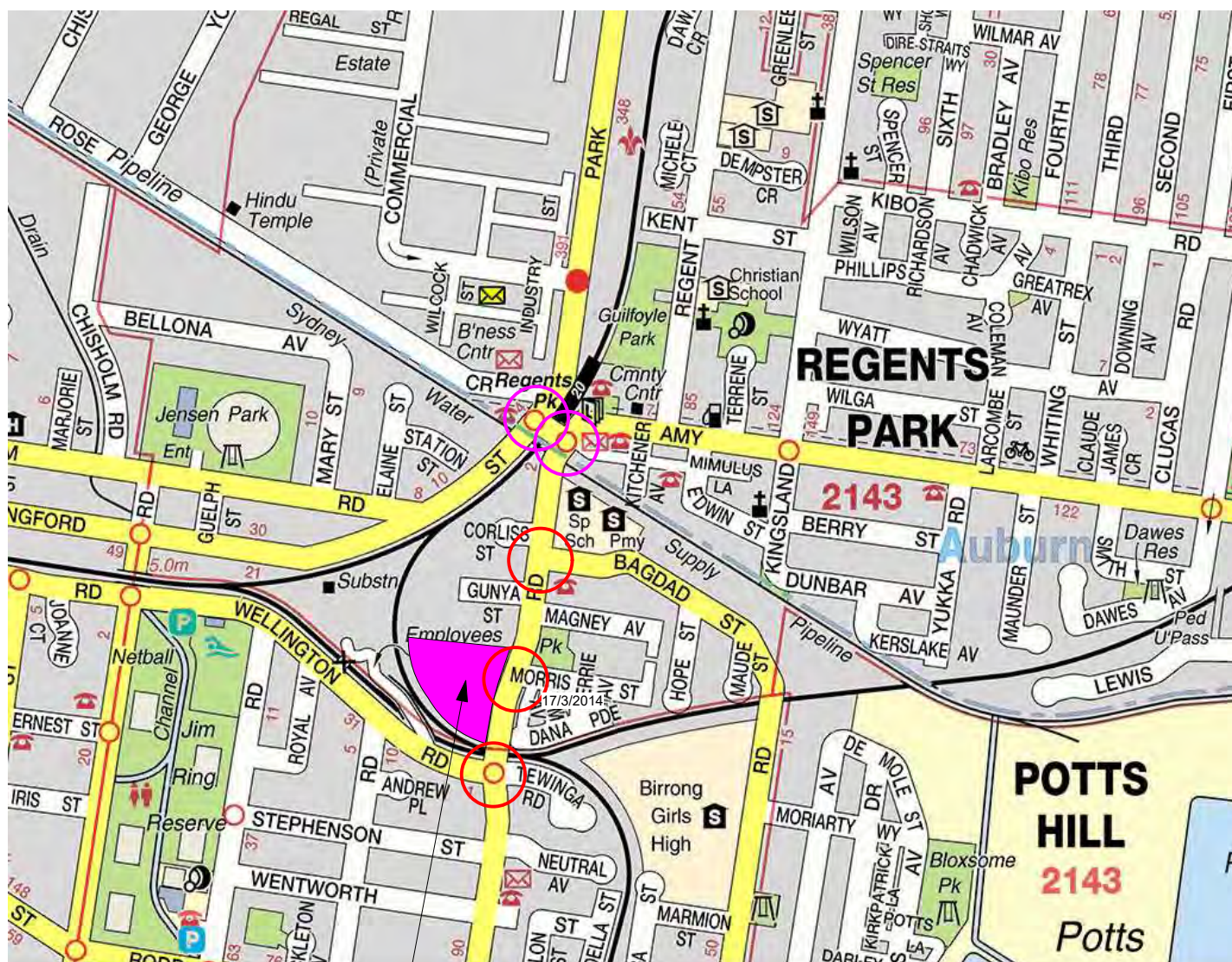
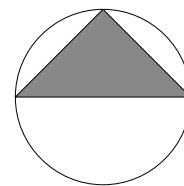
The site is shown in **Figure 1 Locality Map**.

CONSTRUCTION PROGRAM **30-46 AUBURN ROAD REGENTS PARK**

Table 2.1 Construction Staging for 30-46 Auburn Road Regents Park

STAGE		Stage Description	Description of works	Duration of construction Period (weeks)	Estimated commencement date	Estimated commencement date	Days	Weeks
Stage 3-1		Establishment and Construction	Erection of temporary Buildings and Site Construction Sheds, pedestrian Facilities. Subsoil drainage works.	1 Week	15/01/2026	22/01/2026	7	1
Stage 3-2		Excavation for Basement Works	Bulk Earthworks	8 Weeks	22/01/2026	19/03/2026	56	8
Stage 3-3		Basement Construction						
	Stage 3-3-1	Formwork for Basement Footings Walls and Slab	Form work prep in	4 weeks	19/03/2026	16/04/2026	28	4
	Stage 3-3-2	Drainage Llnes	Drainage Works To Car Park	2 weeks	16/04/2026	30/04/2026	14	2
	Stage 3-3-3	Basement shoring walls (structure) C2		2 weeks	30/04/2026	14/05/2026	14	2
	Stage 3-3-4	Basement slab C2		1 week	14/05/2026	21/05/2026	7	1
	Stage 3-3-5	Basement shoring walls (structure) C2		2 weeks	21/05/2026	4/06/2026	14	2
	Stage 3-3-6	Basement slab C1	concrete pour day	1 week	4/06/2026	11/06/2026	7	1
Stage 3-4		Main Frame Construction						
	Stage 3-4-1	Main Formwork setup	Main Frame Construction	14 weeks	11/06/2026	17/09/2026	98	14
	Stage 3-4-2	Main Frame Construction	Main Frame Construction	14 weeks	18/06/2026	24/09/2026	98	14
	Stage 3-4-3	Crane on Site	Site Tower Crane	58 weeks	19/03/2026	29/04/2027	406	58
	Stage 3-4-4	Concrete Pour	concrete pour day	14 weeks	25/06/2026	1/10/2026	98	14
Stage 3-5		Main fitout						
Stage 3-5-1		External Cladding Windows and	Site Tower Crane	16 weeks	1/10/2026	21/01/2027	112	16
Stage 3-5-2		Service Bump in	Main services fitout and bump in	28 weeks	21/01/2027	7/08/2027	198	28
Stage 3-5-3		Finishes and Fixtures		28 weeks	27/10/2025	11/05/2026	196	28
Stage 3-6		Landscaping Works and External Driveways	Landscaping works					
			Pavement and Landscaping	6 weeks	7/08/2027	18/09/2027	42	6

NORTH



SUBJECT SITE
30-46 AUBURN ROAD
REGENTS PARK



TRAFFIC COUNT LOCATIONS 2017 1/8/2017



OTHER TRAFFIC COUNT LOCATIONS 2014
PRO RATA INCREASE TO 2017

FIGURE 1
LOCALITY MAP

(2.1 continued.)**Stage 3-1 Site Establishment**

This stage involves site establishment, provision of hoarding with dust covers around the Site. The provision of a site office, toilets and location of skip bins to be provided.

- Temporary fencing around the proposed site.
- Set up sediment control measures as documented on the civil design drawings.
- Establishment of the site office/compound area.
- Set up site fencing along frontage to Auburn Road and site boundaries.
- Set up site amenities and emergency equipment.
- Set up traffic management signage for vehicle access.

Stage 3-2 Excavation Works

Bulk excavation works for the basements. Involves benching, leveling and excavation works.

Stage 3-3 Basement Construction

Construction of basement shoring walls, basement slabs for levels C1 and C2.

Stage 3-4 Construction of Main Frame construction

Setup of formwork, erection of tower crane on site, construction of main frame construction concrete slabs

Stage 3-5 Construction of External Cladding and Main Fitout

Erection of external scaffolding and external facades, major services bump in and finishes and fixtures fitout.

Stage 3-6 Construction of Vehicular Laybacks to driveways

Road pavement for driveways to internal road system. Construction of Landscaping.

A copy of the Construction Traffic Guidance Scheme Plans (TGS-TCP) are located in **Appendix A** of this report.

3.0 CONSTRUCTION WORKS THAT IMPACT

3.1 Street Inventory

The site as shown in **Figure 1** is a consolidation of Lot 1 in DP 656032 and Lot 2 in DP 433938 located on the western side of Auburn Road some 500 metres south of Regents Park Railway Station. The irregular slope allotment occupies an area of 21,170m² with a frontage to Auburn Road of 166.5 metres and is bounded to the south and west by the railway line. The site is occupied by a tower crane industrial company construction training school. The existing floor area is some 5735m². The site has four existing driveway crossings to Auburn Road.

The site is contained within a small industrial precinct which is surrounded by residential uses, Magney Reserve to the east and Regents Park Public School to the north.

Auburn Road is a regional road and a major collector road connecting to Amy Street to the north to Hume Highway at Yagoona to the south.

Amy Street/Carlingford Road and Park Road are collector routes serving the Regents Park Area.

Auburn Road has a 60km/hour speed limit. There is a school zone speed limit south of Magney Avenue which continues north to Amy Street and includes the Bridge Overpass connecting Auburn Road to Carlingford Road and Park Road.

The street inventory is shown in **Figure 2**.

3.2 Vehicular Route Movement

The vehicle movement diagram has been included in **Figure 3**.

The site during demolition and construction will be accessed by the existing driveways with access off Auburn Road. Refer to section 3.4 Site Access.

Auburn Road between Hume Highway to Amy Street is not identified for vehicles 19m or above or greater than 50 tonnes. The largest vehicle identified for access to the site is heavy rigid vehicles up to 12.5m long or Medium rigid vehicles with dog trailers. Consent is required.

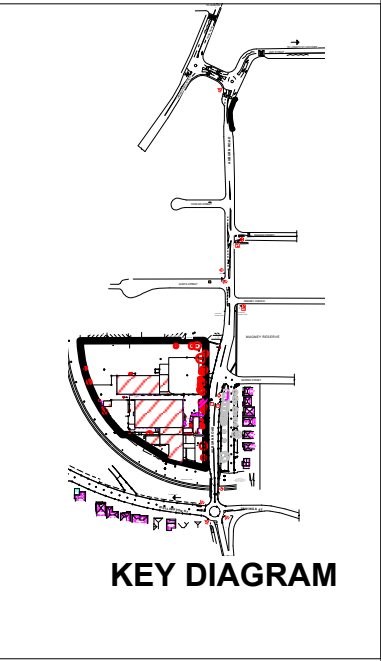
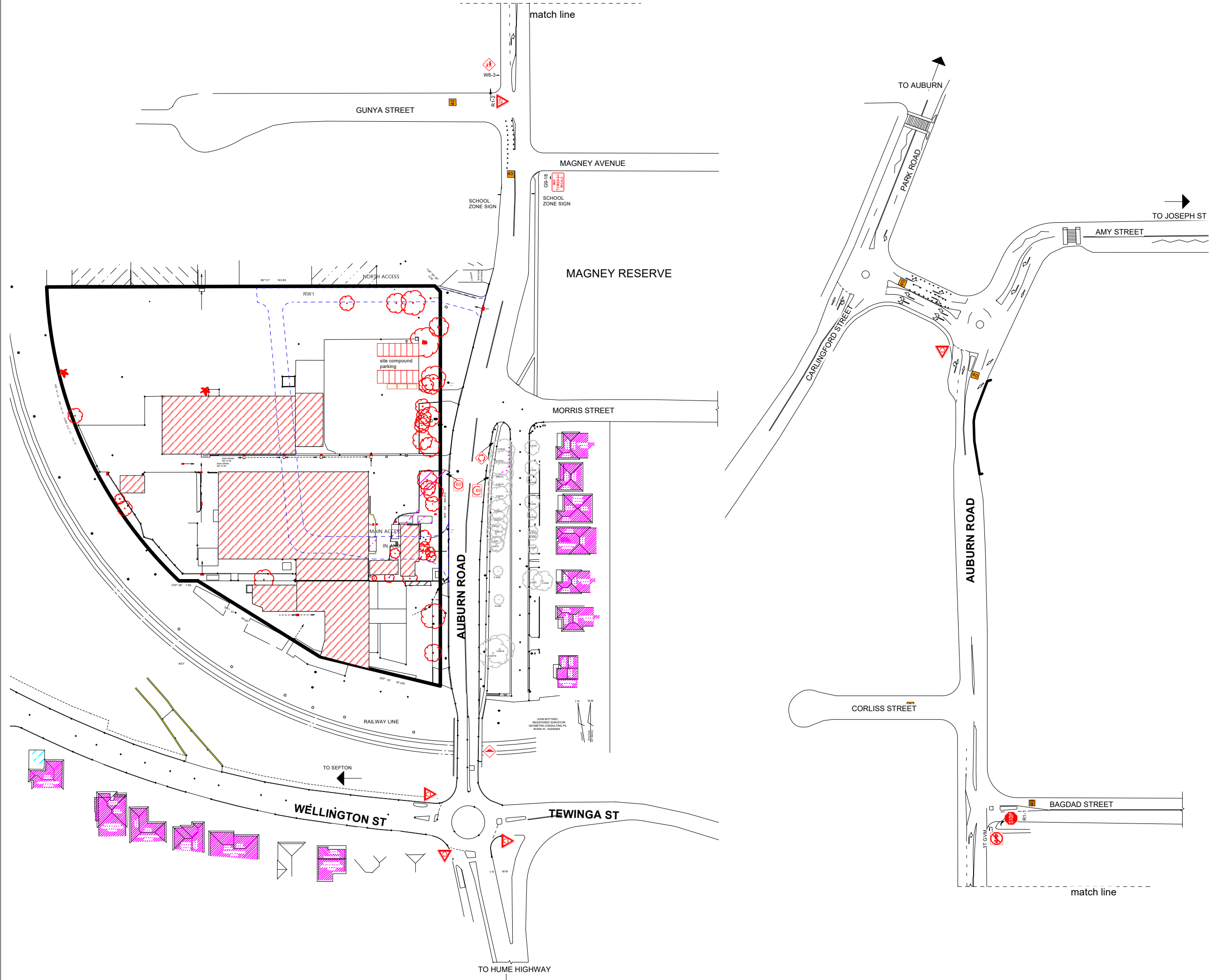
Vehicles Travelling to The Site

Small Vehicles and Utes up to 6.4 metres long

Vehicles travelling to the site from the north will travel along Sydney Olympic Drive into Joseph Street and turn right into Amy Street and left into Auburn Road.

Construction Vehicles

Construction vehicles up to 6.4 metres long traveling from the south will travel along north along Stacey Street and turn left at Hume Highway and right into Auburn Road.



- LEGEND**
EXISTING STREET
INVENTORY SIGNS
- No Through Road
 - School speed zone signage
 - Give Way
 - 3T Load Limit
 - Children Crossing
 - Speed Limit Sign Auburn Road
 - Stage 1 Infrastructure Roads
 - Existing Building to be demolished
-

FIGURE 2
STREET INVENTORY
SHEET 1

(3.2 continued.)

Construction vehicles up to 12.5 metres long and MRV's with dog trailers travelling from western suburbs will travel east along Hume Highway, turn left at Rookwood Road to Stacey St (A6) and left into Brinker Road and continue along Ferrier Road and turn right into Woods Street right into Rodd Street and left into Auburn Road.

Construction vehicles up to 12.5 metres long and MRV's with dog trailers travelling from Bankstown will travel north along Stacey Street (A6) and left into Brinker Road and continue along Ferrier Road and turn right into Wood's Street and right into Rodd Street and left into Auburn Road.

Construction vehicles up to 12.5 metres long and MRV's with dog trailers travelling from southern suburbs will travel north along Wiley Avenue (A3) and turn left at Rawson Road through to Brinker Road and Ferrier Street to the west and turn right into Woods Street, right into Rodd Street and left into Auburn Road.

Vehicles Travelling from The Site**Cars and Utes**

Vehicles can turn right into Auburn Road, travel south and turn left into Brinker Street to travel east towards Wiley Avenue (A6) and either travel north to F1 or south to southern suburbs.

Vehicles travelling west towards Western Suburbs can travel south along Auburn Road and turn right into Hume Highway.

Cars and Utes travelling north can turn left into Auburn Road and travel and turn right into Amy Street and continue east to Stacy Street (A3).

Trucks up to 12.5 metres long and MRV's with dog trailers

Vehicles travelling south will turn right into Auburn Road and right into Rodd Street, left into Wood Street and left into Ferrier Street and travel east along Brinker Road towards Stacey Street (A6).

Vehicles travelling north – non-school zone times: vehicles can turn left into Auburn Road and turn right into Amy Street and travel east towards (A6).

During school zone times all trucks will turn right out of the site and travel south along Auburn Road, right into Rodd Street, left into Wood Street and left into Ferrier Street and travel east along Brinker Road towards A6.

3.2.1 Existing Vehicular, Pedestrian and Cyclist and Existing Site Traffic Volumes

A pedestrian, cyclist and vehicular count was undertaken on Tuesday afternoon between 4-6 pm on 01/08/2023 and Wednesday morning 02/08/2023 between 7-9 am to ascertain peak pedestrian, cyclist and vehicles and classification of vehicles. The summary of the results is included in **Appendix C** of this report. A summary is located below. Please note there was a breakdown in Auburn Road south of Auburn Road Bridge/ Amy Street in the morning peak hour resulting in platooning of vehicles.

Table 2.5.1 Peak Hour 7:45 – 8:45 am

	Auburn Road	
Mode	Northbound	Southbound
Car	1229*	546
Truck 2 axle and above	15	13
Bicycle	1	1
Pedestrians	Northbound	Southbound
Western side	0	0
Eastern Side	4	3
Crossing	East	West
	0	2
Site	IN	OUT
Cars	2	1
Trucks	0	1

* Note: Breakdown affecting delays

Table 2.5.2 Peak Hour 4:45 – 6:45 pm

	Auburn Road	
Mode	Northbound	Southbound
Car	855	556
Truck 2 axle and above	7	5
Bicycle	2	0
Pedestrians		
	9	9
Crossing	West	East
	0	2
Site	IN	OUT
Cars	0	2
Trucks	0	1

Volumes for pedestrians and cyclists are low in both AM and PM peak hours. The count data is summarized in **Figure 4** of this report.

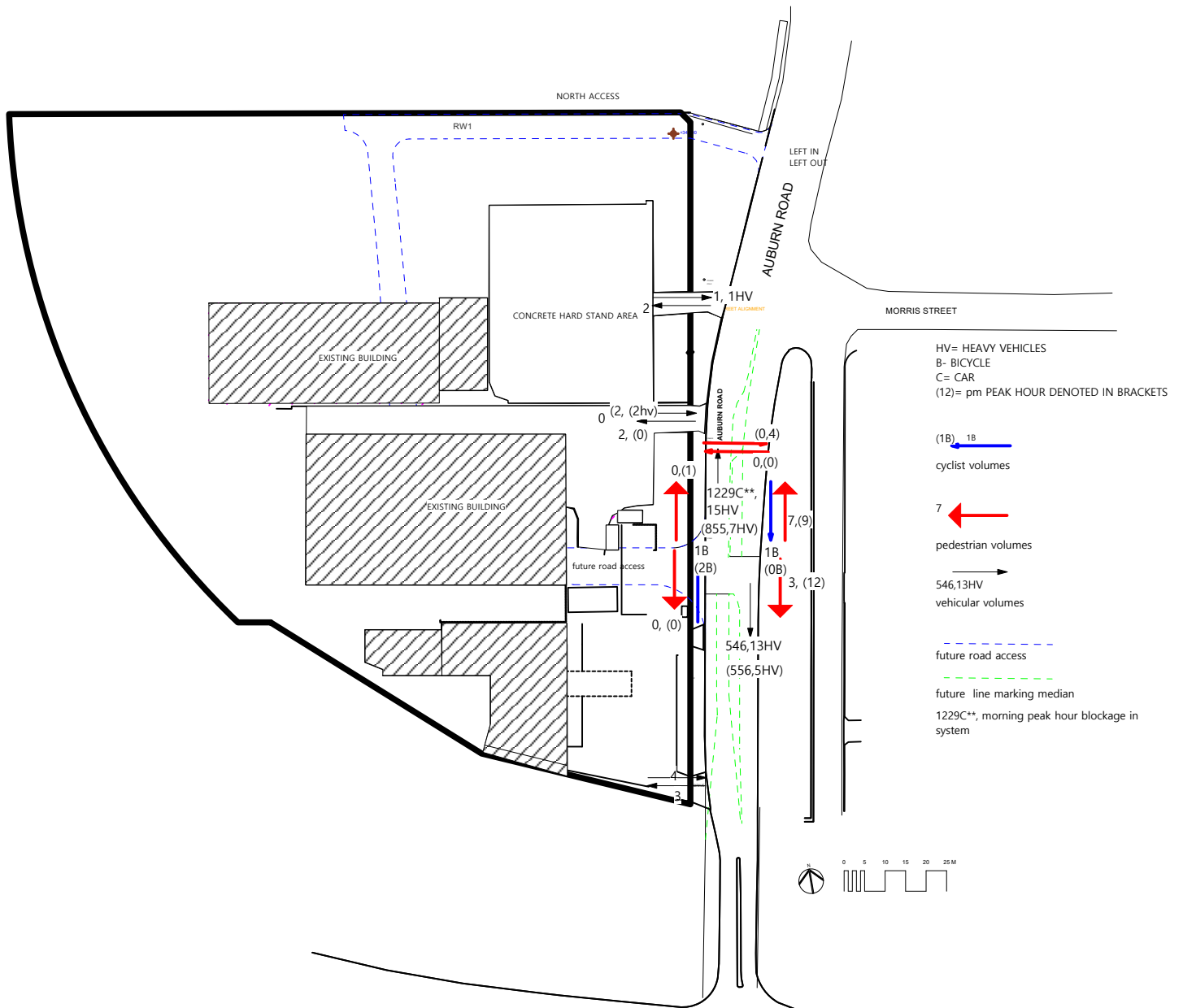


FIGURE 4
PEDESTRIAN /CYCLIST AND VEHICLE COUNT
WEDNESDAY 2/8/2023 7-9AM AND
TUESDAY 1/8/2023 4-6PM

3.2.2 Existing Traffic Volumes in Auburn Road and Surrounding Road Network

Existing peak hour traffic counts were carried out at the following intersections on 23/08/2023 between 7 – 9 am and 4 – 6 pm: -

- Auburn Road/ Carlingford Street/ Park Road – Roundabout
- Auburn Road/ Amy Street – Roundabout
- Bagdad Street/ Auburn Road – Seagull
- Morris Street/ Auburn Road – Giveway Sign Control
- Wellington Road/ Tewinga Street/ Auburn Road - Roundabout

The peak hour count data is summarised in **Figures 5A** and **5B**. Full survey data is located in **Appendix C**.

3.3 Number of Daily Vehicle Movements during the Construction Stages

The daily number of vehicles and maximum size of vehicles is stated in **Table 3.3**. All vehicles associated with the development shall be parked wholly within the site. All staff related to the works are to park in a designated off-street area or be encouraged to use public transport and not park on the public road.

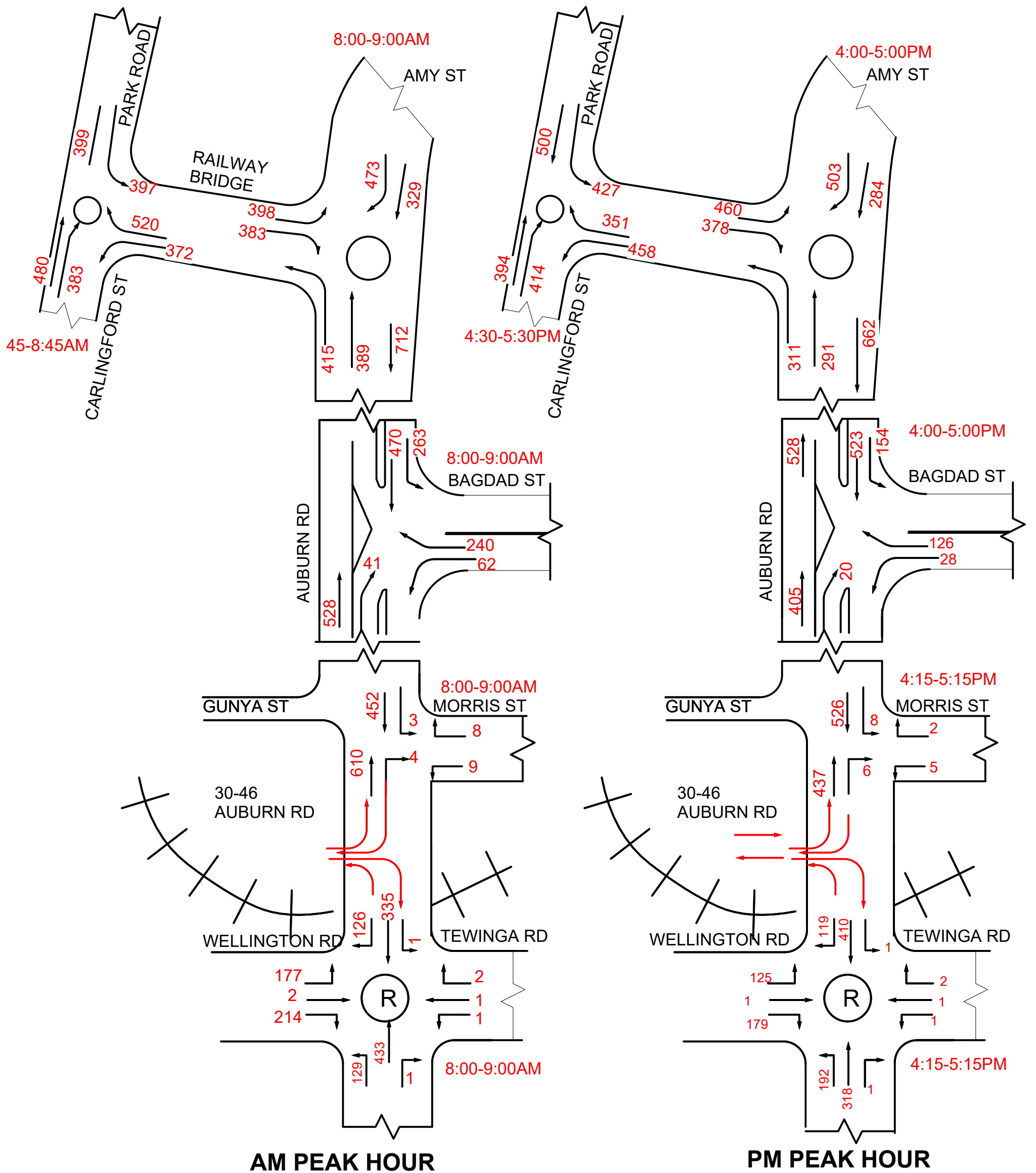
Table 3.3 Daily Vehicle Movements for Stage 3 Building C

	Total No. of Vehicle Movements / Daily								
Stage/Phase of Construction	CARS		TRUCKS UP TO 6.4 METRES LONG		MRV VEHICLES		HRV VEHICLES		Parking Notes
					Up to 8.4m long				
					*		**		
Stage 3 Construction of Buildings C and Central Park	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
Stage 3-1- Site Establishment- Preliminary Works	5	5	2	2	2	2	2	2	On Site Parking for vehicles up to 6.4 metres long.
Stage 3-2- Excavation Works	10	10	5	5	24	24	1	1	Small SRV's vehicles can park on site in designated area. Increased to allow for spoil removal.
Stage 3-3 Basement Construction	10	10	5	5	5	5	1	1	Small SRV's vehicles can park on site in designated area. HRV vehicles can load in loading area on site.
Stage 3-4 Main Frame Construction	30	30	5	5	5	5	1	1	Small SRV's vehicles can park on site in designated area. HRV vehicles can load in loading area on site.
Stage 3-5 Main Fitout	10	10	8	8	5	5	2	2	Workers vehicles to park wholly within the site in the designated areas.
Stage 3-6 Landscaping Works	5	5	3	3	1	1	1	1	Small SRV's vehicles can park on site in designated area.

Notes:

* MRV's may have dog trailers

** HRV vehicle paths are shown in TGS-TCPS in **Appendix A**.



LEGEND

8.00 - 9.00AM PEAK HOUR
 4.30 - 5.30PM PEAK HOUR
 AS STATED ABOVE

EXISTING PEAK HOUR VOLUMES
 THURS 23/2/2023

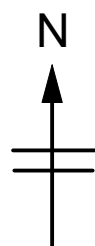


FIGURE 5A AND 5B

3.3.1 Proposed Vehicle Movements

Stage 3-1 Site Establishment

The largest vehicles accessing the site are medium rigid trucks up to 8.8 metres long. On site parking in the compound area for workers' vehicles and Utes up to 6.4 metres long.

Stage 3-2 Excavation Works

The largest vehicles entering the site and exiting will be medium rigid vehicles and medium rigid vehicles with dog trailers. Trucks will be removing stockpile waste material. On site parking in the compound area for workers' vehicles and Utes up to 6.4 metres long.

Stage 3-3 Basement Construction

The largest vehicle entering and exiting the site will be a heavy rigid vehicle up to 12.5 metres long and or MRV's with dog trailers. Trucks will be delivering steel reinforcement for basement slabs and columns, concrete trucks and removing stockpile of waste material. Small workers' vehicles can park on site in compound area.

Stage 3-4 Construction Main Frame

The maximum sized vehicle entering and existing the site will be a heavy rigid vehicle delivering reinforcement steel work, concrete trucks and collection of stockpile waste material. Some workers' vehicles can park on site in the designated compound area.

Stage 3-5 Construction of Fitout and External Facade

The maximum sized vehicle entering and existing the site will be a heavy rigid vehicle scaffolding, services and fixtures and finishes. Some workers' vehicles can park on site in the designated compound area.

Stage 3-6 Construction Driveways and Landscaping

The maximum sized vehicle entering and existing the site will be a heavy rigid vehicle delivering pipelines and materials. Some workers' vehicles can park on site in compound area.

3.4 Site Access

There are three existing driveway access points to the site; one located at the southern end and one at the midpoint location and one at the northern end near Morris Street. Construction site workers' vehicles will access the northern driveway.

All other vehicles will access the midpoint driveway for deliveries and all truck access for larger vehicles will enter the northern driveway and exit using the mid-point driveway.

3.5 Management of Pedestrians

Stages 3-1 to 3-6

During construction, a traffic controller will need to be present on site at all times or as required at the main site entry. A traffic controller will be required at the entry and exit to stop any pedestrians/cyclists if required.

Existing Pedestrian Volume Count and Traffic Counts are located in **Appendix C** of this report. The role of the Traffic Controllers is to *stop pedestrians* whilst vehicles are *entering* and *exiting* the *site* and during *loading of materials* from trucks into the site, if loading activities cross the site boundary.

3.6 Traffic Controllers

The Traffic controller must refer to the **Traffic Control Plan of Management** located in **Appendix D** of this report. Traffic Controllers must be accredited and wear **PPE** at all times. They are to be located near the existing site vehicular entry in Auburn Road. Traffic controllers must be present on site as required to assist with truck access and egress and deliveries.

3.7 Access to Local Properties

There will be no disturbance to any vehicular or pedestrian entry to other properties adjacent to or within the vicinity.

3.8 Community and Motorist Consultation

All the works are contained within the site and will have minimal impact.

3.9 Parking

Parking is described in **Table 3.3**.

All vehicles associated with the development shall be parked wholly within the site. All staff related with the works are to park in a designated off-street area or be encouraged to use public transport and not park on the public road.

There are 20 designated parking spaces which can be used for workers' vehicles on site.

3.10 Deliveries

The following deliveries will take place during construction: -

Stage 3-1

MRV (Medium Rigid Vehicles) trucks up to 8.8 metres will access the site for materials and removal.

Stage 3-2

MRV trucks up to 8.8 metres and MRV's with dog trailers will access and park on site in the designated loading areas.

Stage 3-3

HRV (Heavy Rigid Vehicles) up to 12.5 metres and MRV's with dog trailers will access the site and must enter and leave in a forward direction.

Stage 3-4

HRV up to 12.5 metres long and MRV's with dog trailers will park in the delivery area for large trucks. A Driver's Code of Conduct is located in **Appendix D** of this report.

Stage 3-5 and 3-6

Vehicles up to 12.5 metres long can park in the designated compound area. Small vans and cars can park within the designated site worker parking area.

4.0 PERMITS AND ROAD OCCUPANCY LICENCES

Road opening permits will be required.

5.0 WORKPLACE HEALTH AND SAFETY

The Site Contractor/Builder will include the **TCP** and Traffic Management Plan as part of the *overall Construction Management Plan*. Traffic Controllers will follow the Traffic Control Plan of Management.

APPENDICES

APPENDIX A

TABLE 1: CONSTRUCTION PROGRAM

STAGE		Stage Description	Description of works	Duration of construction Period (weeks)	Estimated commencement date	Estimated commencement date	Days	Weeks	
Stage 3-1		Establishment and Construction	Erection of temporary Buildings and Site Construction Sheds, pedestrian Facilities, Subsoil drainage works.	1 Week	15/01/2026	22/01/2026	7	1	
Stage 3-2			Excavation for Basement Works	Bulk Earthworks	6 Weeks	22/01/2026	19/03/2026	56	8
Stage 3-3			Basement Construction						
	Stage 3-3-1		Formwork for Basement Footings Walls and Slab	Form work prep in	4 weeks	19/03/2026	16/04/2026	28	4
	Stage 3-3-2	Drainage Lines	Drainage Works To Car Park	2 weeks	16/04/2026	30/04/2026	14	2	
	Stage 3-3-3	Basement shoring walls (structure) C2		2 weeks	30/04/2026	14/05/2026	14	2	
	Stage 3-3-4	Basement slab C2		1 week	14/05/2026	21/05/2026	7	1	
	Stage 3-3-5	Basement shoring walls (structure) C2		2 weeks	21/05/2026	4/06/2026	14	2	
	Stage 3-3-6	Basement slab C1	concrete pour day	1 week	4/06/2026	11/06/2026	7	1	
Stage 3-4		Main in Frame Construction							
	Stage 3-4-1	Main Formwork setup	Main Frame Construction	14 weeks	11/06/2026	17/09/2026	98	14	
	Stage 3-4-2	Main Frame Construction	Main Frame Construction	14 weeks	18/06/2026	24/09/2026	98	14	
	Stage 3-4-3	Crane on Site	Site Tower Crane	58 weeks	19/03/2026	29/04/2027	406	58	
	Stage 3-4-4	Concrete Pour	concrete pour day	14 weeks	25/06/2026	1/10/2026	98	14	
Stage 3-5		Main in fitout							
Stage 3-5-1		External Cladding Windows and	Site Tower Crane	16 weeks	1/10/2026	21/01/2027	112	16	
Stage 3-5-2		Service Bump in	Main services fitout and bump in	28 weeks	21/01/2027	7/08/2027	198	28	
Stage 3-5-3		Finishes and Fixtures		28 weeks	27/10/2025	11/05/2026	196	28	
Stage 3-6		Landscaping Works and External Driveways	Landscaping works						
			Pavement and Landscaping	6 weeks	7/08/2027	18/09/2027	42	6	

TABLE 2: ESTIMATED DAILY VEHICLE MOVEMENTS TO AND FROM THE SITE AND PARKING

	Total No. of Vehicle Movements / Daily								
Stage/Phase of Construction	CARS		TRUCKS UP TO 6.4 METRES LONG		MRV VEHICLES		HRV VEHICLES		Parking Notes
					Up to 8.4m long				
					*		**		
Stage 3 Construction of Buildings C and Central Park	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
Stage 3-1- Site Establishment- Preliminary Works	5	5	2	2	2	2	2	2	On Site Parking for vehicles up to 6.4 metres long.
Stage 3-2- Excavation Works	10	10	5	5	24	24	1	1	Small SRV's vehicles can park on site in designated area. Increased to allow for spoil removal.
Stage 3-3 Basement Construction	10	10	5	5	5	5	1	1	Small SRV's vehicles can park on site in designated area. HRV vehicles can load in loading area on site.
Stage 3-4 Main Frame Construction	30	30	5	5	5	5	1	1	Small SRV's vehicles can park on site in designated area. HRV vehicles can load in loading area on site.
Stage 3-5 Main Fitout	10	10	8	8	5	5	2	2	Workers vehicles to park wholly within the site in the designated areas.
Stage 3-6 Landscaping Works	5	5	3	3	1	1	1	1	Small SRV's vehicles can park on site in designated area.

TABLE 3: CONSTRUCTION HOURS

Day	Construction Hours					
	Stage 2-1	Stage 2-2	Stage 2-3	Stage 2-4	Stage 2-5	Stage 2-6
Mon-Fri	7:00am-6:00pm	7:00am-6:00pm	7:00am-6:00pm	7:00am-6:00pm	7:00am-6:00pm	7:00am-6:00pm
Sat	7:30am-5:30pm	7:30am-5:30pm	7:30am-5:30pm	7:30am-5:30pm	7:30am-5:30pm	7:30am-5:30pm

GENERAL NOTES

SITE HOARDINGS ARE TO BE ERECTED AND INSTALLED IN ACCORDANCE WITH THE WORK HEALTH AND SAFETY ACT 2011 (NSW)

SEQUENCE OF ERECTING SIGNS

BEFORE WORK COMMENCES, SIGNS AND DEVICES AT THE APPROACHES TO THE WORK AREA SHOULD BE ERECTED IN ACCORDANCE WITH AS1742.3 - 2019 SECTION 2.5.3, AS BELOW

- SEE ADVANCED WARNING SIGNS.
- ALL INTERMEDIATE ADVANCE AND POSITIONING SIGNS AND DEVICES IN ADVANCE OF TAPER OR WORK AREA.
- ALL DELINEATING DEVICES REQUIRED TO FORM THE TAPER INCLUDING ILLUMINATED FLASHING ARROW SIGN AT THE END OF THE TAPER WHERE REQUIRED.
- DELINEATION PAST THE WORK AREA.
- ALL OTHER WARNING AND REGULATORY SIGNS.

TRAFFIC NOTES

ALL SIGNAGE AND SETOUT OF SIGNS IS TO COMPLY WITH:-

TRAFFIC CONTROL DEVICES

- REFER TO AS 1742.3-2019 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PART 3: TRAFFIC CONTROL FOR WORKS ON ROADS AND THE TRANSPORT FOR NSW TRAFFIC CONTROL AT WORKSITES TECHNICAL MANUAL V 6.1-2022
- NO WORKS AT NIGHT
- ERECTION OF SIGNS:
ALL SIGNS AND DEVICES SHALL BE ERECTED IN ACCORDANCE WITH Clause 2.5.3 of AS 1742.3-2019. A VEHICLE MOUNTED WARNING DEVICE IS TO PROTECT WORKERS ERECTING SIGNS.
- SAFETY BARRIER - CONCRETE SUCH AS DELTABLOC OR SIMILAR OR WATER FILLED BARRIERS (TO MEET REQUIREMENTS OF NCHRP 350) IN ACCORDANCE WITH THE RTA TRAFFIC CONTROL AT WORKSITES SECT 9.6.2 AND RTA ROAD DESIGN GUIDE SECT 6.4.5 AND AS 1742.3-2019 AND AS/NZS 3845. ALL BARRIERS TO HAVE RETROREFLECTIVE DELINEATORS.

FOR LINE MARKING REFER TO TFNSW TRAFFIC CONTROL AT WORKSITES V6.1 REFER TO D4.18 DYNAMIC FREQUENTLY CHANGING WORK FORMERLY TCP 77 FOR LINE MARKING ON SITE ROADWAYS

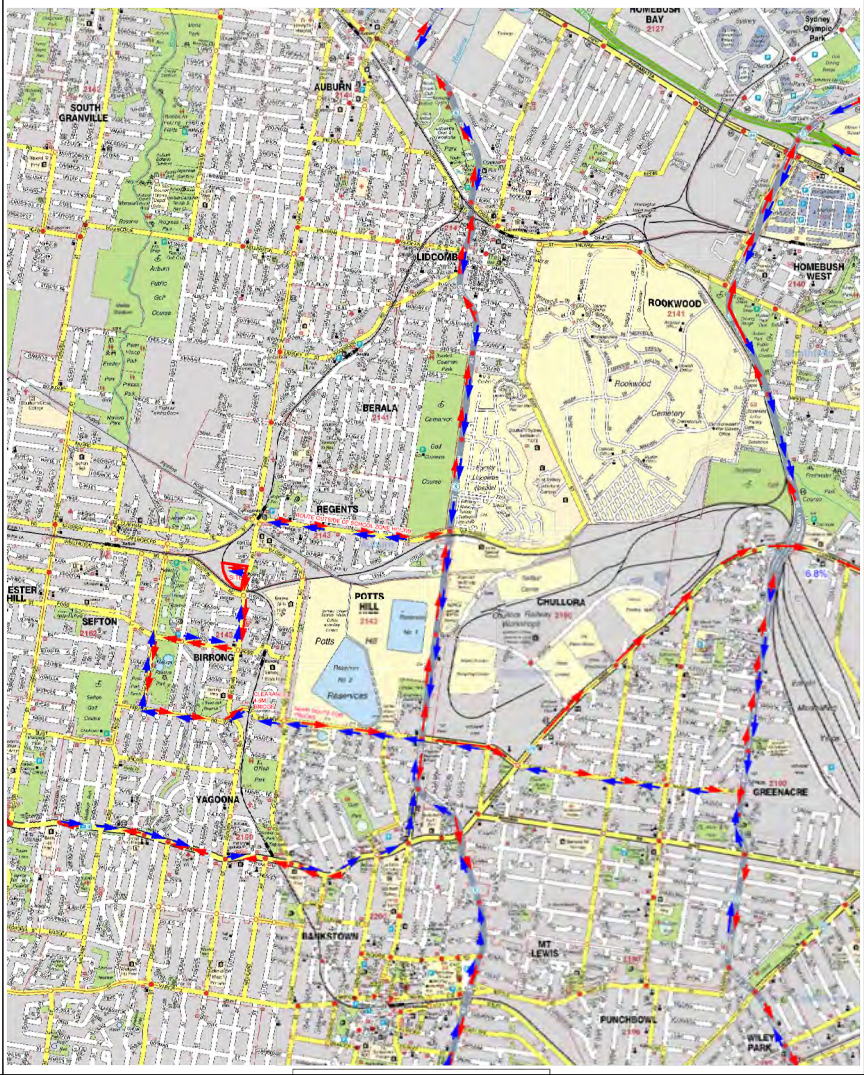
TRAFFIC CONTROLLERS

REFER TO AS1742.3 - 2019 CLAUSE 4.10.6
"ONLY COMPETENT PERSONS WHO POSSESS AN APPROPRIATE STATE CERTIFICATION SHALL BE APPOINTED AS TRAFFIC CONTROLLERS".

"TRAFFIC CONTROLLERS MUST WEAR HIGH VISIBILITY CLOTHING AT ALL TIMES". A TRAFFIC CONTROLLER MUST BE ON SITE AT ALL TIMES.

A TRAFFIC CONTROLLER MUST BE ON SITE DURING CONSTRUCTION HOURS AT ALL TIMES
ADDITIONAL TRAFFIC CONTROLLERS MAY BE REQUIRED DURING PEAK TRUCK MOVEMENT ACTIVITY OR CONCRETE POUR DAYS OR MAIN FRAME DELIVERY TIMES.

REFER TO TRAFFIC CONTROL PLAN OF MANAGEMENT.

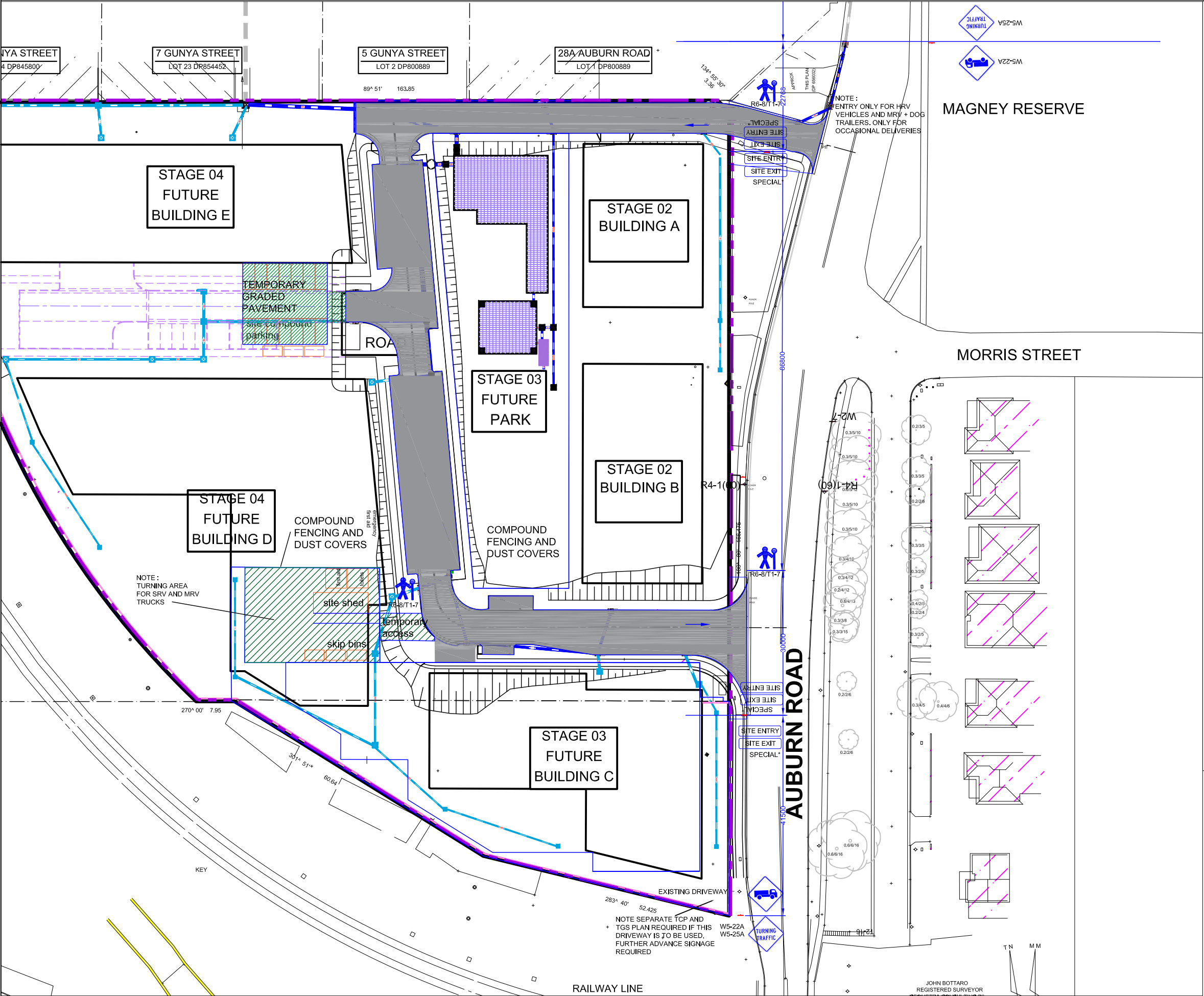


NTS
LEGEND
ROUTE ACCESS DIAGRAM TO AND FROM 30-46 AUBURN ROAD REGENT'S PARK
TRUCKS UP TO 12.5m COMING TO SITE
TRUCKS UP TO 12.5m LEAVING SITE

PREPARE A WORK ZONE
TRAFFIC MANAGEMENT PLAN
SAFE WORK NSW TCT 0023126

Erica Marshall - Evans

ERICA MARSHALL -EVANS



SIGNAGE LEGEND - TCP No 1 - ADVANCED WARNING SIGNS

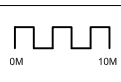
TRAFFIC CONTROL PLAN BETWEEN
7:00AM TO 6:00PM MONDAY TO FRIDAY
7:30AM TO 5:00PM ON SATURDAY

R6-8/T1-7		QUANTITY 1-2 OR AS REQUIRED
W5-22A		3
W5-25A		3
SPECIAL*		2
SPECIAL*		2
W6-3		

PREPARE A WORK ZONE
TRAFFIC MANAGEMENT PLAN
SAFE WORK NSW TCT 0023126

Erica Marshall - Evans

ERICA MARSHALL -EVANS



No.	DATE	APPD

SURVEY BY: GEOMETRA CONSULTING 20/1-5 JACOBS STREET BANKSTOWN NSW 2200 Email: admin@geometra.com.au Phone 02 9708 5719	DATUM:	COPYRIGHT THIS DRAWING IS THE PROPERTY OF LYLE MARSHALL AND PARTNERS P/L AND MAY ONLY BE USED FOR THE PURPOSE FOR WHICH IT WAS COMMISSIONED & IN ACCORDANCE WITH THE TERMS OF ENGAGEMENT FOR THAT COMMISSION. UNAUTHORISED USE OF THIS DRAWING IS PROHIBITED.
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LYLE MARSHALL & PARTNERS PTY LTD
consulting engineers, transport and environmental planners & architects

SUITE 31
401 PACIFIC HIGHWAY
ARTARMON N.S.W 2064

phone: (02) 9436 0086
faxsimile: (02) 9436 0082
email: lyle@lylemarshall.com.au

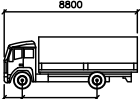
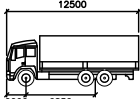
CLIENT: 30 AUBURN ROAD PTY LTD	SCALE: 1:400	PASSED	DATE FIRST ISSUED: FEBRUARY 2025
30-46 AUBURN ROAD REGENTS PARK STAGE 3 BUILDING C TRAFFIC GUIDANCE SCHEME-TGS 1 ADVANCED WARNING	DESIGN: LMA DRAWN: LMA CHECKED: LMA	SHEET No. 2 OF 2	DRAWING No. 1160-8-23

SIGNAGE LEGEND - TGS No 2
STAGE 3-2 - EXCAVATION WORKS

TRAFFIC CONTROL PLAN BETWEEN
7:00AM TO 6:00PM MONDAY TO FRIDAY
7:30AM TO 3:30PM ON SATURDAY

		QUANTITY
R6-8/T1-7		1 or as required AT ALL TIMES
W5-22A		3
W5-25A		3
SPECIAL*		2
SPECIAL*		2

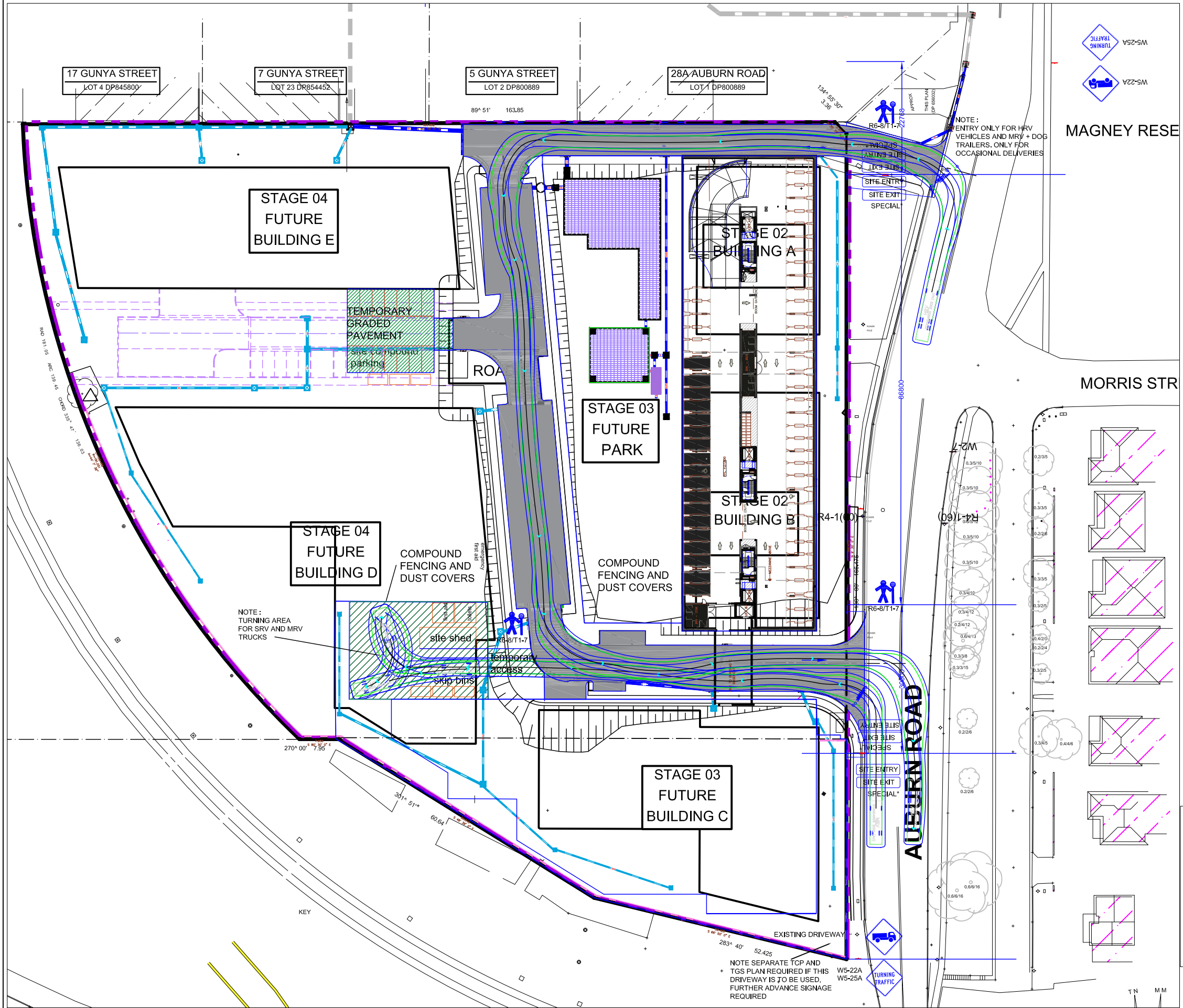
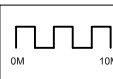
	BARRIER BOARD	
	SIGN - SINGLE SIDED	 TREE
	SIGN - DOUBLE SIDED	 POLE
	FLASHING AMBER LIGHTS	
	BARRIER BOARD POSITION	
	SEPARATION LINE	
	EDGE LINE	 WORK AREA
	TREE PROTECTION	
	EXISTING TRAFFIC SIGNS	

	
MRV	SU TRUCK
Width : 2500 Track : 2500 Lock to Lock Time : 6.0 Steering Angle : 34.0	Width : 2500 Track : 2500 Lock to Lock Time : 6.0 Steering Angle : 36.6

PREPARE A WORK ZONE
TRAFFIC MANAGEMENT PLAN
SAFE WORK NSW TCT 0023126

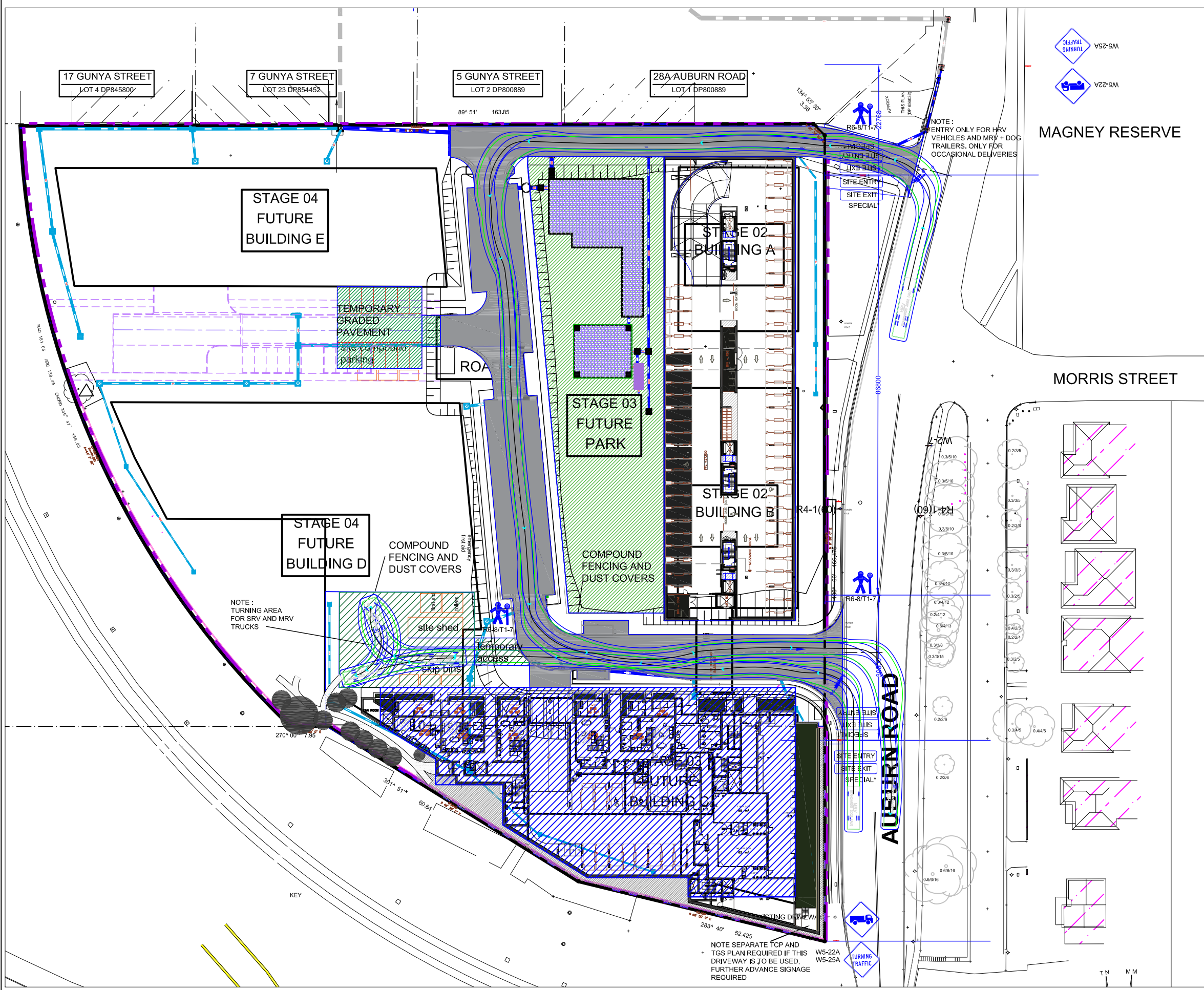
Erica Marshall-Evans

ERICA MARSHALL -EVANS



TGS No 3 STAGE 3-2 EXCAVATION WORKS
SCALE 1:400

No.	DATE	APPD	SURVEY BY: GEOMETRA CONSULTING 20/1-5 JACOBS STREET BANKSTOWN NSW 2200 Email: admin@geometra.com.au Phone 02 9708 5719	 LYLE MARSHALL & PARTNERS PTY LTD consulting engineers, transport and environmental planners & architects	CLIENT: 30 AUBURN ROAD PTY LTD	SCALE	PASSED	DATE FIRST ISSUED		
DATUM:	COPYRIGHT THIS DRAWING IS THE PROPERTY OF LYLE MARSHALL AND PARTNERS P/L AND MAY ONLY BE USED FOR THE PURPOSE FOR WHICH IT WAS COMMISSIONED & IN ACCORDANCE WITH THE TERMS OF ENGAGEMENT FOR THAT COMMISSION. UNAUTHORISED USE OF THIS DRAWING IS PROHIBITED.			SUITE 31 401 PACIFIC HIGHWAY ARTARMON N.S.W 2064	phone: (02) 9436 0086 faxsimile: (02) 9436 0082 email: lyle@lylemarshall.com.au	 	DESIGN	LMA	SHEET No. 3 OF	DRAWING No. 1160-8-23

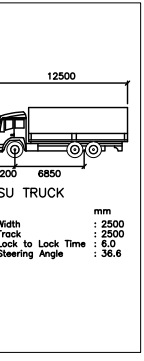


SIGNAGE LEGEND - TGS No 2
STAGE 3-3 - BASEMENT AND
STAGE 3-4 MAIN FRAME WORKS

TRAFFIC CONTROL PLAN BETWEEN
7:00AM TO 6:00PM MONDAY TO FRIDAY
7:30AM TO 3:30PM ON SATURDAY

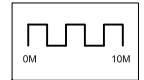
		QUANTITY
R6-8/T1-7		1 or as required AT ALL TIMES
W5-22A		3
W5-25A		3
SPECIAL*		2
SPECIAL*		2

- BARRIER BOARD
- SIGN - SINGLE SIDED
- SIGN - DOUBLE SIDED
- FLASHING AMBER LIGHTS
- BARRIER BOARD POSITION
- SEPARATION LINE
- EDGE LINE
- TREE PROTECTION
- W6-3 EXISTING TRAFFIC SIGNS
- TREE
- POLE
- WORK AREA



PREPARE A WORK ZONE
TRAFFIC MANAGEMENT PLAN
SAFE WORK NSW TCT 0023126

Erica Marshall-Evans
ERICA MARSHALL -EVANS



TGS No 4 STAGE 3-3 AND 3-4 MAIN FRAME BUILDING WORKS
SCALE 1:400

No.	DATE	APPD

SURVEY BY: GEOMETRA CONSULTING
20/1-5 JACOBS STREET
BANKSTOWN NSW 2200
Email: admin@geometra.com.au Phone 02 9708 5719

DATUM:

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LYLE MARSHALL & PARTNERS PTY LTD
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401 PACIFIC HIGHWAY
ARTARMON N.S.W 2064

phone: (02) 9436 0086
faxsimile: (02) 9436 0082
email: lyle@lylemarshall.com.au

CLIENT: 30 AUBURN ROAD PTY LTD	SCALE: 1:400	PASSED	DATE FIRST ISSUED: FEBRUARY 2025
30-46 AUBURN ROAD REGENTS PARK STAGE 3 BUILDING C	DESIGN: LMA	SHEET No. 4	DRAWING No. 1160-8-23
TRAFFIC GUIDANCE SCHEME-TGS 3-3 AND 3-4 MAIN FRAME	DRAWN: LMA	OF	
	CHECKED		

APPENDIX B

Work Permit Information Sheet

THE CITY OF CANTERBURY BANKSTOWN

Work Permit is the formal process by which Council grants permission for the public (developer) to carry out work within the Road Reserve, on/under/above Council Land and / or infrastructure. An application must be made to Council for permission for any work related to an approved development (DA), non-development or any other development including those approved by via other NSW Environmental Planning Instruments (EPI's) for example State Environmental Planning Policy (SEPP) 60- (Exempt and Complying Development) and SEPP (Infrastructure) 2007.

A Work Permit may include any combination of the following:

- Street boundary alignment levels (**SBAL's**),
- Design and specifications for construction of a vehicular footway crossing (**VFC**),
- Footway damage inspection report (**FDI**),
- Stormwater drainage works including stormwater connection to Council's street kerb or Council's storm water drainage system (**SWCP**)
- Road opening (**RO**) permits for public utility service connections to development sites.
- Standing Plant/Crane/Concrete Pump permit (**CR**)
- Shoring including Ground Anchors in the Road Reserve (**GA**) – see additional requirement
- Construct Awning over Council's footway reserve (**AW**) – see additional requirement

For some development sites, the applicant may also be required to apply for approval of; a Traffic Management Plan, erection of a hoarding, construction of foot paving, and kerb and gutter. The requirements for these works are generally referenced in the development consent and / or identified by the builder.

Only Council Officers may issue a Work Permit and inspect works approved under a Work Permit; however, the Roads and Maritime Services (RMS) must approve any of the above works within a State Roads or within 100 metres of a traffic facility, such as major roundabouts and traffic signals. In these cases, the relevant RMS approvals and licenses are required to be obtained and submitted to Council prior to issue of the Work Permit.

For a Work Permit related to DA and CDC the following documentation is required:

- ☒ A copy of the final (approved development) site layout plan.
- ☒ Construction site management plan. This plan needs to include sediment control measures for proposed work within the road reserve and the construction access point.
- ☒ A plan of the proposed stormwater drainage system within the road reserve and the connection to Council's street kerb or stormwater drainage system. The plan needs to be based on a final detailed stormwater drainage plan suitable for construction, prepared and signed by a qualified practicing Civil Engineer. For DA related sites, this plan needs to incorporate all the requirements for stormwater drainage included in the development consent. Concept stormwater drainage plans will not be accepted.

NOTE: Application and plan must be submitted in person or email to council@cbc.city.nsw.gov.au for checking and lodgement prior to payment being accepted.

Plan must be provided in PDF version, on USB, CD or attach with email application.

DECLARATION FORM

SECTION A

General Information

Work Permit Fees are **NON-REFUNDABLE** except upon the following conditions:

- Developer cancels Development Consent (DA) or the Developer does not proceed with NSW Housing Code Application (CDC). Upon request, Council will consider a partial refund. The amount of the refund depend on the level of consideration and design already completed by Council prior to the request for the refund.
- For Road Opening applications, a partial refund may be made if no road opening occurs within the roadway, that is, work is only carried out within the nature strip (footway). For all completed road openings, in the road reserve, a minimum non-refundable.
- A refund is only payable upon the issue of a Work Permit final Compliance Certificate by Council or the surrender of an unused Work Permit.

The approval of the Permit including all associated documentation will be provided to you generally within 15 working days of receiving this application, provided the proposed works do not affect other authorities' assets, street trees, drainage pits etc.

Approved Work Permits must be kept on site at all times during the works and presented upon request by Council officers. In accordance with Section 138 of the Roads Act 1993 and /or Section 68 of the Local Government Act 1993 it is an offence for any persons/organisations to carry out works on the footway / roadway without Council Approval.

The Applicant / responsible parties will be requested to pay Council all outstanding expenses related to repairing damage or poor workmanship as a result of the proposed work. Council has the right to forward all expenses towards the repair of such damage / poor workmanship through a Sundry Debtors.

SECTION B

Prior to beginning Works

Any proposed work must not commence until you comply with the following:

1. You have received an **APPROVED WORK PERMIT** from Council.
2. You have supplied Council with a copy of your (or your contractors) **Public Liability Insurance (\$20 million minimum)**. The insured persons shall indemnify Council and shall be held responsible for any injury or loss, which the Council or any persons may suffer through the proposed work.
3. Any vehicles or plant used at any time in connection with the Work Permit must be road registered and have current Motor Vehicle Insurance covering Third Party property damage (\$20 million minimum).

The responsible person shall organise all inspections, as required on the plans and specifications, provided by Council.

SECTION C

Vehicular Footway Crossings

The Council specification and plans with required levels and dimension for construction will be provided with your Work Permit Approval.

Street boundary fencing base levels must match into VFC and SBAL levels and dimensions issued by Council. Failure to do so may result in reconstruction works at the owner's expense.

All vehicular and footway hard surfaces must be constructed of plain, broom or cove finished concrete. Sealants and other surface finishes are not permitted without prior written approval by Council. Refer to Council's Vehicular Crossing Policy for additional information

Street Trees

If you believe the proposed vehicular crossing will conflict with an existing street tree (including its root system), then you need to complete a Street Tree Removal application. Proximity to street trees should be 2.0m clear of the nearest edge of the tree trunk for sight distance and reduction of potential root damage. This requirement may be varied by Council based on technical assessment, having regard to the amount of excavation involved and the sight distance criteria.

Street Stormwater Pits

Council will provide plans and specifications for any pit adjustments and reconstruction of any new pit and lintel if approval is granted to adjust or relocate a stormwater pit. All costs to construct, adjust or relocate pits shall be borne by the applicant.

SECTION D

Traffic Control

- Before commencing and during works, barricades and warning signs are to be used for traffic and pedestrian safety in accordance with **Australian Standards 1742.3**. Overnight warning lights are also required.
- An approved Traffic Control Plan complying with AS1742.3 is to be submitted for any work involving partial closure of a road or diversion of pedestrians.
- A RMS Road Occupancy Licence is to be obtained prior to commencing any work involving partial closure of a State or Regional Road, or within 100m of any traffic facility including traffic signals, roundabouts, medians, pedestrian crossings and traffic control devices.
- Full closure of any road is not usually permitted and will require an approval from Council's Traffic Engineer.

Erosion and Sedimentation Control

- Before commencing and during works, barricades and warning signs are to be used for traffic and pedestrian safety in accordance with **Australian Standards 1742.3**. Overnight warning lights are also required.
- An approved Traffic Control Plan complying with AS1742.3 is to be submitted for any work involving partial closure of a road or diversion of pedestrians.
- A RMS Road Occupancy Licence is to be obtained prior to commencing any work involving partial closure of a State or Regional Road, or within 100m traffic signals, and major roundabouts.
- Full closure of any road is not usually permitted and will require an approval from Council's Traffic Engineer.

PENALTIES: Authorised Officers who observe offences under the Protection of the Environment Operations Act 1997 may serve an on-the-spot fine on the individual causing or permitting pollution (e.g. truck drivers tracking mud off-site onto the road, a person pumping polluted stormwater off-site after rain). Failure to comply with a direction of an Authorised Officer is an offence.

Dial Before You Dig

The "Dial before you Dig" service is to be contacted before any works begin on 1100. This free service provides applicants detailed plans of underground services that may be in the area of excavation.

SECTION E

Restorations

- Roadway temporary restorations shall be bituminous cold mix of a maximum thickness 50mm, on a base of compacted crushed stone road base (compacted in 100mm layers) to a minimum thickness of 300mm, or other material approved by Council's officer or the relevant road authority.
- Footpath and vehicular crossing temporary restorations shall be bituminous cold mix of a maximum thickness 50mm, on a base of compacted crushed stone road base to a minimum thickness of 100mm or other material approved by Council's officer or the relevant road authority.
- After completion of temporary backfilling as detailed above, you must contact Council for permanent restoration on (02) 9707 9020 or Fax (02) 9707 9560.
- Final roadway restorations greater than 1.0m/1.0sqm will be charged in increments of 0.2m/0.2sqm as per Council's Fees and charges.
- Final roadway restorations shall comply with AUS-SPEC 2, 2004 Edition

ADDITIONAL REQUIREMENT

The following additional information is to be provided

Temporary Ground Anchors application

- Site Plan
- Structural drawings (layout plan, elevations and sections/details). These drawings need to show locations of all ground anchors indicating their length and depth and satisfying minimum cover requirements at boundary of 2 meters and gutter line of 3 metres.
- Specifications for engineering works related to ground anchors.
- Certification from a practising Structural Engineer confirming that the proposed temporary ground anchors are appropriate for the site, structurally adequate and comply with the relevant standards/codes
- A Certificate of Currency for Public liability insurance. (min. \$20 million) with Council listed as an interested party
- Copy of related conditions of Development Consent
- Copy of the stamped approved DA plans of the basement
- Approval from the Roads and Maritime Services (RMS) if it is proposed to install ground anchors under a State Road.

Construct Awning over footway reserve application

- Site Plan
- Copy of the stamped approved DA plans (layout, elevation, section) related to the awning. If the awning is approved under the Complying Development Certificate (CDC) the approved CDC plans needs to be submitted. If you are submitting all DA/CDC drawings please mark the relevant drawings
- Copy of related conditions of DA or CDC
- Copy of the stamped Structural Engineering plans (layout plan, elevations and sections/details) for the awning approved by a Principal Certifying Authority (PCA) as part of a Construction Certificate (CC) or CDC
- Specifications for engineering works related to the awning.
- A certificate from a Structural Engineer confirming that the awning has been designed in accordance with relevant standards. The certificate must list all relevant standards and drawings to which the certificate applies to.
- A maintenance plan for the awning prepared and certified by Structural Engineer.
- A Certificate of Currency for Public liability insurance. (min. \$20 million) with Council listed as an interested party

APPENDIX C

Curtis Traffic Surveys

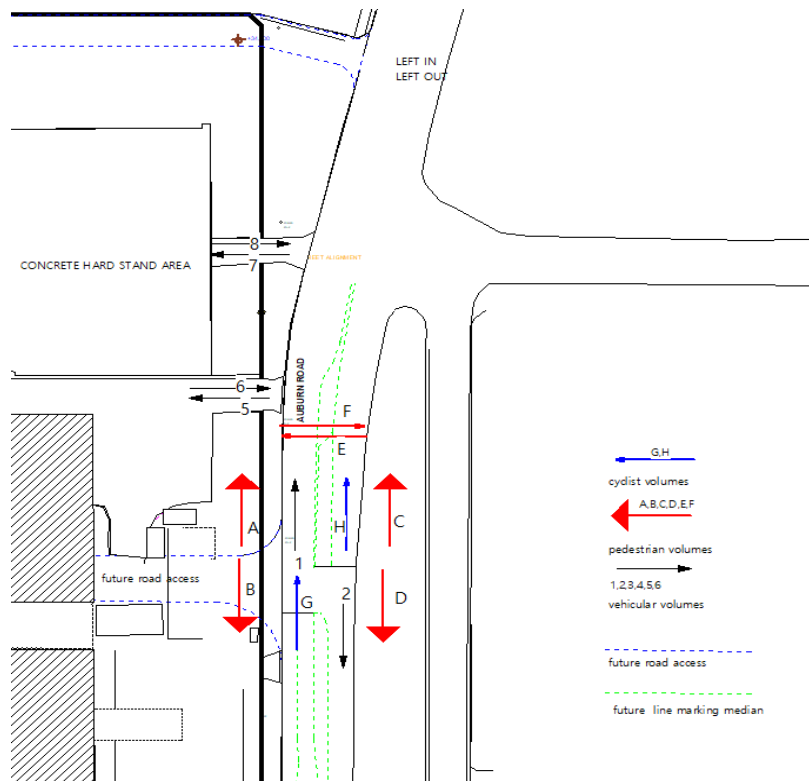
Vehicle & pedestrian count

Job: 230801lm
Day, date: 01/08/23
Location: Auburn Rd
Weather: Fine
Client: Lyle Marshall & Partners

Pedestrians west side east side across Auburn Rd

Time Period	A nth	B sth	C nth	D sth	E west	F east
16:00 to 16:15	0	0	0	3	0	1
16:15 to 16:30	0	0	2	2	0	0
16:30 to 16:45	0	0	1	0	0	0
16:45 to 17:00	0	0	3	2	0	1
17:00 to 17:15	1	0	1	1	0	0
17:15 to 17:30	0	0	2	1	0	0
17:30 to 17:45	0	0	3	5	0	0
17:45 to 18:00	0	0	3	5	0	2
Totals	1	0	15	19	0	4

4:00-5:00pm	0	0	6	7	0	2
5:15-4:15pm	1	0	7	5	0	1
4:30-5:30pm	1	0	7	4	0	1
4:45-5:45pm	1	0	9	9	0	1
5:00-6:00pm	1	0	9	12	0	2



Curtis Traffic Surveys

Job:

Day, date

Location:

Weather:

Client:

Vehicle & pedestrian count

2308011m

02/08/23

Auburn Rd

Fine

Lyle Marshall & Partners

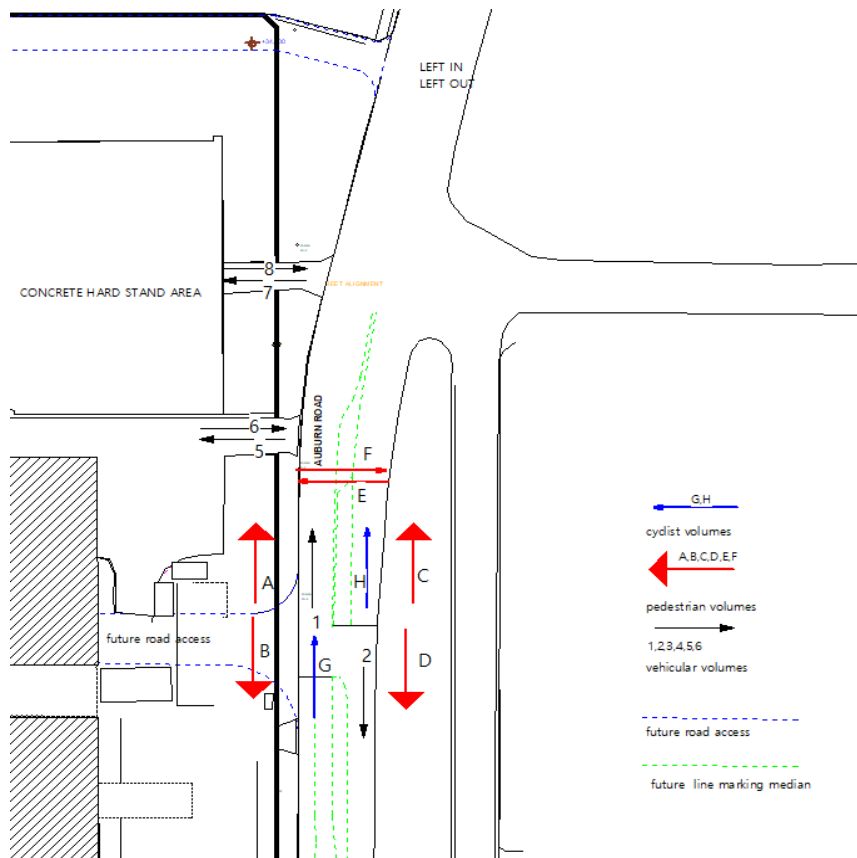
North bo

Pedestrians

west side east side across Auburn Rd

Time Period			A nth	B sth	C nth	D sth	E west	F east
07:00	to	07:15	0	0	2	0	0	0
07:15	to	07:30	0	0	1	1	0	0
07:30	to	07:45	0	0	0	0	0	0
07:45	to	08:00	0	0	0	0	0	0
08:00	to	08:15	0	0	1	1	0	0
08:15	to	08:30	0	0	3	2	0	0
08:30	to	08:45	0	0	0	0	0	0
08:45	to	09:00	0	0	3	0	0	0
Totals			0	0	10	4	0	0

7:00-8:00			0	0	3	1	0	0
7:15-8:15			0	0	2	2	0	0
7:30-8:30			0	0	4	3	0	0
7:45-8:45			0	0	4	3	0	0
8:45-9:00			0	0	7	3	0	0

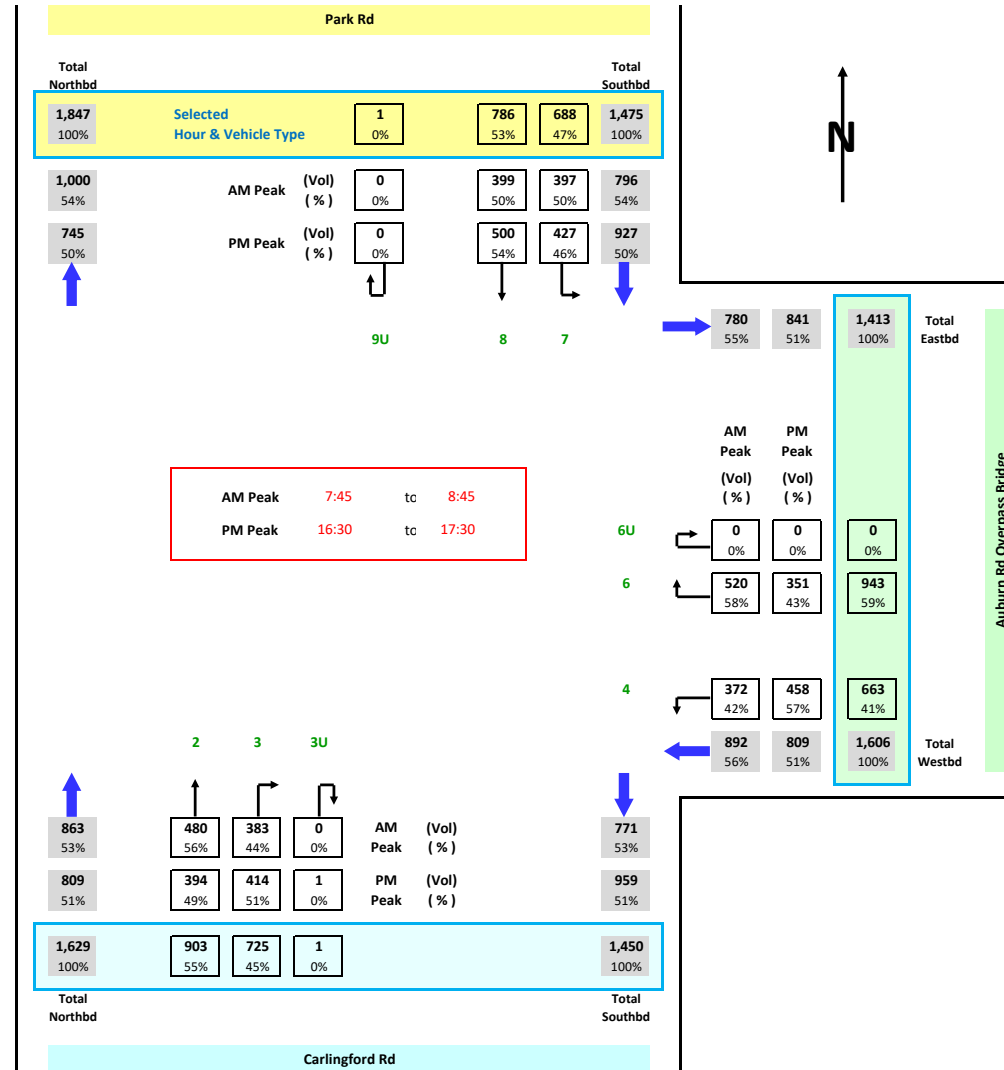


Job No. : AUNSW5968
Client : LYLE MARSHALL & PARTNERS PTY LTD
Suburb : Regents Park
Location : 1. Carlingford Rd / Park Rd / Auburn Rd Overpass Bridge

Day/Date : Thu 23rd Feb 2023
Weather : Partly Rain
Description : Classified Intersection Count
Intersection Diagram

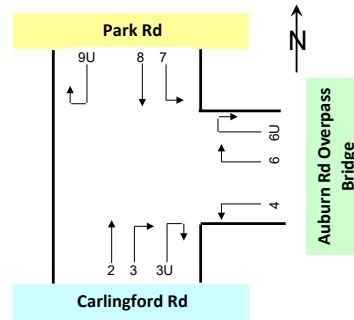


Hour Starting: AM Totals
Vehicle Type: All Vehicles



Job No. : AUNSW5968
Client : LYLE MARSHALL & PARTNERS PTY LTD
Suburb : Regents Park
Location : 1. Carlingford Rd / Park Rd / Auburn Rd Overpass Bridge

Day/Date : Thu 23rd Feb 2023
Weather : Partly Rain
Description : Classified Intersection Count
 : Peak Hour Summary



Approach		Carlingford Rd			Auburn Rd Overpass Bridge			Park Rd			Grand Total
Time Period		Lights	Heavies	Total	Lights	Heavies	Total	Lights	Heavies	Total	
AM	7:45 to 8:45	813	50	863	839	53	892	751	45	796	2,551
PM	16:30 to 17:30	788	21	809	771	38	809	899	28	927	2,545

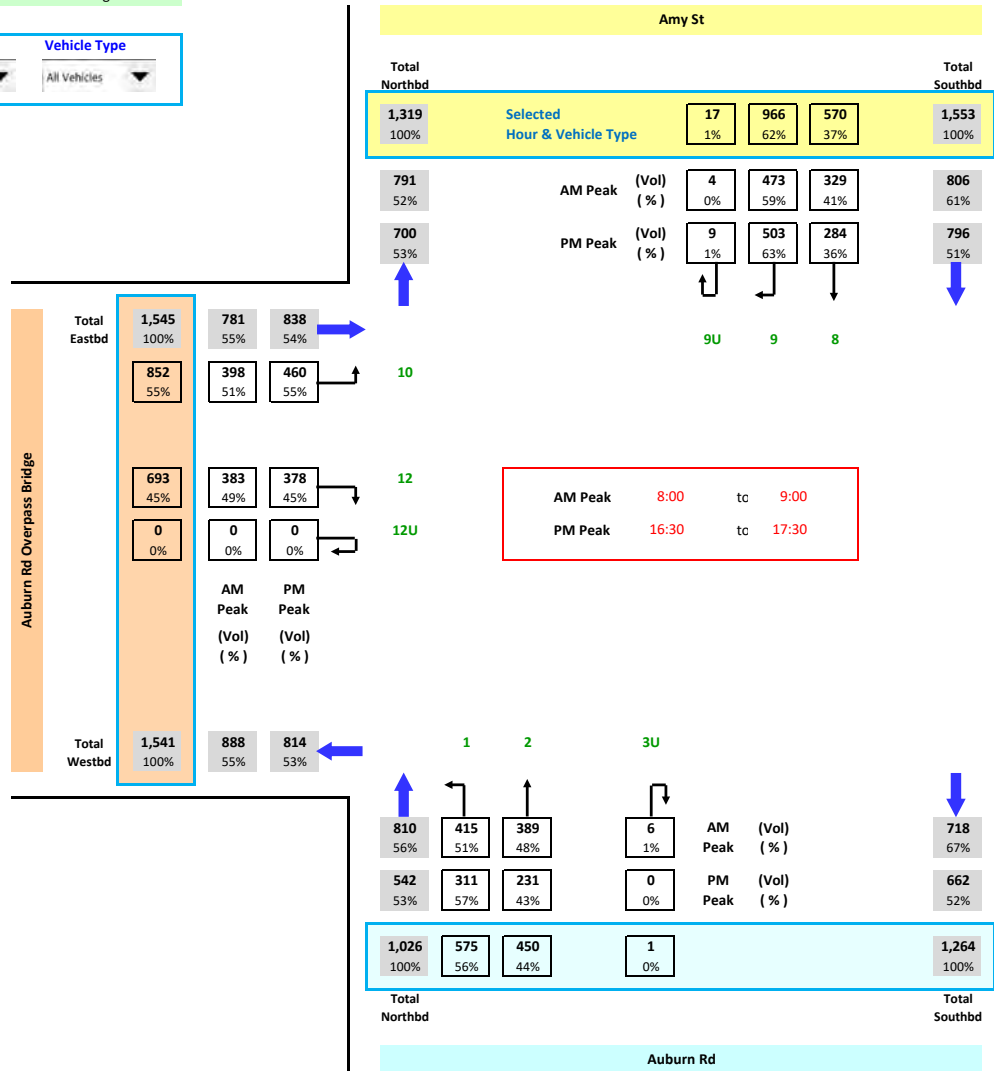
Approach		Carlingford Rd			Auburn Rd Overpass Bridge			Park Rd			Grand Total
Time Period		Lights	Heavies	Total	Lights	Heavies	Total	Lights	Heavies	Total	
7:00 to 8:00		754	51	805	679	49	728	580	51	631	2,164
7:15 to 8:15		813	49	862	744	51	795	626	55	681	2,338
7:30 to 8:30		804	45	849	806	57	863	686	52	738	2,450
7:45 to 8:45		813	50	863	839	53	892	751	45	796	2,551
8:00 to 9:00		767	57	824	824	54	878	791	53	844	2,546
AM Totals		1,521	108	1,629	1,503	103	1,606	1,371	104	1,475	4,710
16:00 to 17:00		747	25	772	739	42	781	905	36	941	2,494
16:15 to 17:15		758	22	780	761	42	803	893	33	926	2,509
16:30 to 17:30		788	21	809	771	38	809	899	28	927	2,545
16:45 to 17:45		766	17	783	765	32	797	921	30	951	2,531
17:00 to 18:00		794	15	809	786	24	810	873	22	895	2,514
PM Totals		1,541	40	1,581	1,525	66	1,591	1,778	58	1,836	5,008

Job No. : AUNSW5968
Client : LYLE MARSHALL & PARTNERS PTY LTD
Suburb : Regents Park
Location : 2. Auburn Rd / Amy St

Day/Date : Thu 23rd Feb 2023
Weather : Partly Rain
Description : Classified Intersection Count
: Intersection Diagram

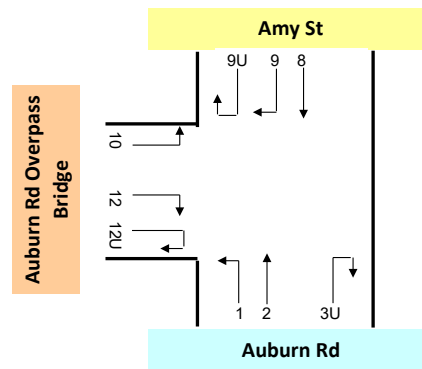


Hour Starting: PM Totals
Vehicle Type: All Vehicles



Job No. : AUNSW5968
Client : LYLE MARSHALL & PARTNERS PTY LTD
Suburb : Regents Park
Location : 2. Auburn Rd / Amy St

Day/Date : Thu 23rd Feb 2023
Weather : Partly Rain
Description : Classified Intersection Count
 : Peak Hour Summary



	Approach	Auburn Rd				Amy St			Auburn Rd Overpass Bridge			Grand Total
		Lights	Heavies	Total		Lights	Heavies	Total	Lights	Heavies	Total	
AM	8:00 to 9:00	785	25	810		756	50	806	715	66	781	2,397
PM	16:30 to 17:30	528	14	542		762	34	796	809	29	838	2,176

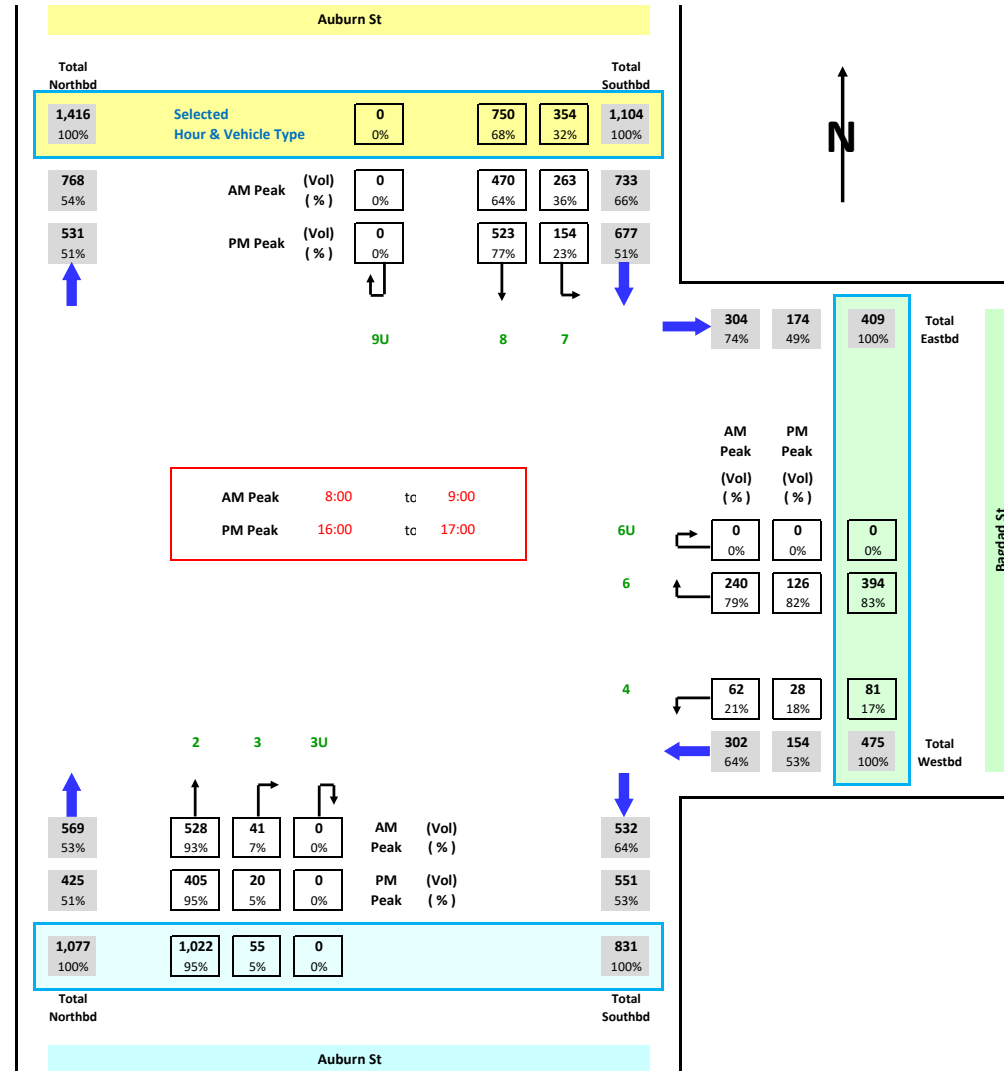
	Approach	Auburn Rd				Amy St			Auburn Rd Overpass Bridge			Grand Total
		Lights	Heavies	Total		Lights	Heavies	Total	Lights	Heavies	Total	
	Time Period											
	7:00 to 8:00	617	23	640		484	42	526	580	63	643	1,809
	7:15 to 8:15	701	23	724		559	47	606	635	63	698	2,028
	7:30 to 8:30	772	27	799		641	52	693	671	59	730	2,222
	7:45 to 8:45	799	23	822		724	50	774	721	59	780	2,376
	8:00 to 9:00	785	25	810		756	50	806	715	66	781	2,397
	AM Totals	1,402	48	1,450		1,240	92	1,332	1,295	129	1,424	4,206
	16:00 to 17:00	476	12	488		719	39	758	717	23	740	1,986
	16:15 to 17:15	525	13	538		751	41	792	809	31	840	2,170
	16:30 to 17:30	528	14	542		762	34	796	809	29	838	2,176
	16:45 to 17:45	531	14	545		753	27	780	814	30	844	2,169
	17:00 to 18:00	529	9	538		771	24	795	781	24	805	2,138
	PM Totals	1,005	21	1,026		1,490	63	1,553	1,498	47	1,545	4,124

Job No. : AUNSW5968
Client : LYLE MARSHALL & PARTNERS PTY LTD
Suburb : Regents Park
Location : 3. Bagdad St / Auburn St

Day/Date : Thu 23rd Feb 2023
Weather : Partly rain
Description : Classified Intersection Count
: Intersection Diagram

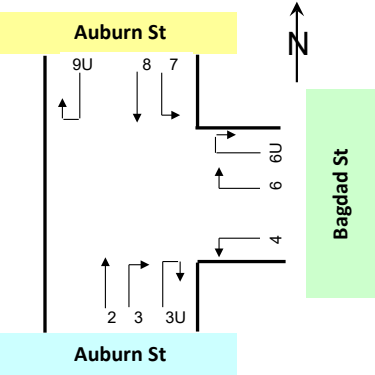


Hour Starting	Vehicle Type
AM Totals	All Vehicles



Job No. : AUNSW5968
Client : LYLE MARSHALL & PARTNERS PTY LTD
Suburb : Regents Park
Location : 3. Bagdad St / Auburn St

Day/Date : Thu 23rd Feb 2023
Weather : Partly rain
Description : Classified Intersection Count
: Peak Hour Summary



Approach		Auburn St			Bagdad St			Auburn St			Grand Total
Time Period		Lights	Heavies	Total	Lights	Heavies	Total	Lights	Heavies	Total	
AM 8:00 to 9:00		549	20	569	297	5	302	707	26	733	1,604
PM 16:00 to 17:00		415	10	425	152	2	154	663	14	677	1,256

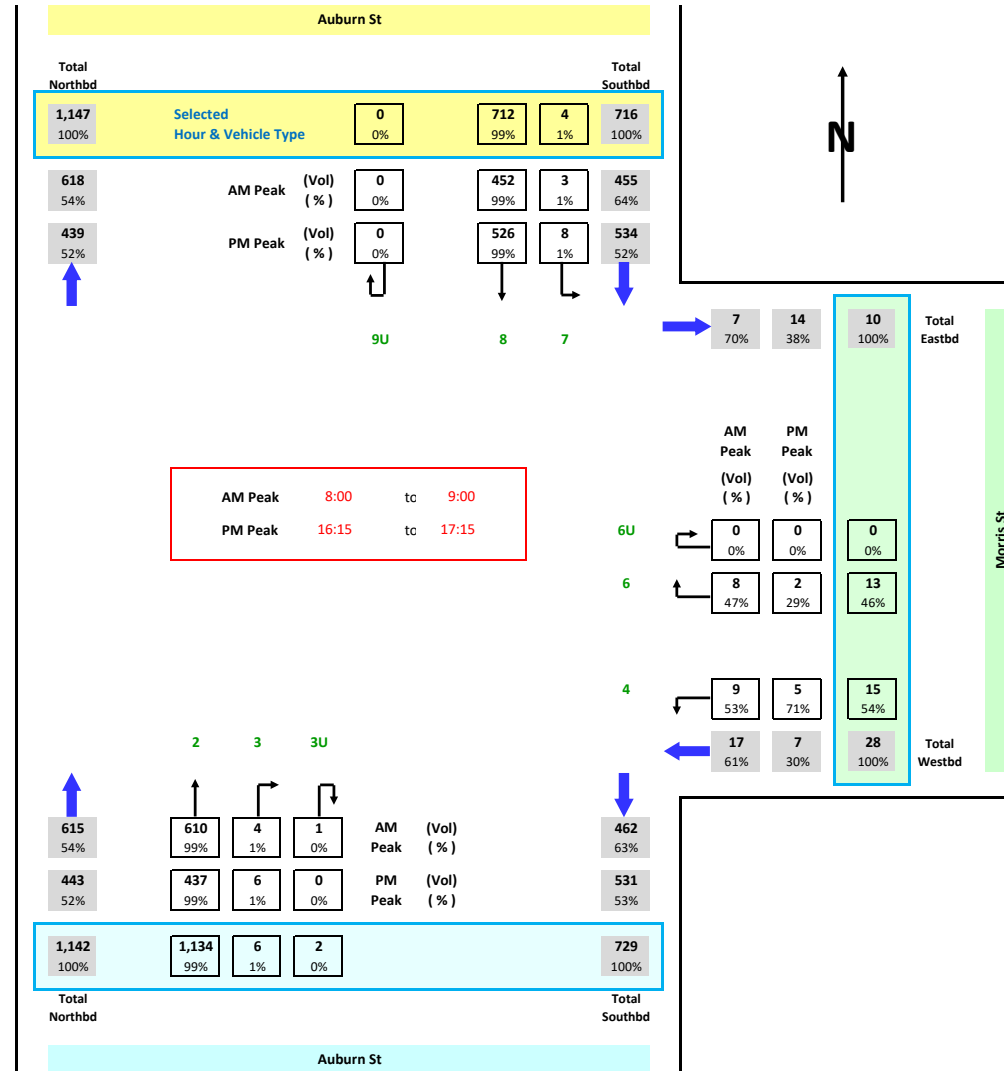
Approach		Auburn St			Bagdad St			Auburn St			Grand Total
Time Period		Lights	Heavies	Total	Lights	Heavies	Total	Lights	Heavies	Total	
7:00 to 8:00		488	20	508	168	5	173	355	16	371	1,052
7:15 to 8:15		542	19	561	201	7	208	441	19	460	1,229
7:30 to 8:30		578	19	597	256	8	264	553	23	576	1,437
7:45 to 8:45		580	17	597	287	6	293	639	22	661	1,551
8:00 to 9:00		549	20	569	297	5	302	707	26	733	1,604
AM Totals		1,037	40	1,077	465	10	475	1,062	42	1,104	2,656
16:00 to 17:00		415	10	425	152	2	154	663	14	677	1,256
16:15 to 17:15		407	12	419	146	1	147	657	15	672	1,238
16:30 to 17:30		405	12	417	141	1	142	655	11	666	1,225
16:45 to 17:45		410	13	423	119	1	120	675	11	686	1,229
17:00 to 18:00		397	9	406	138	0	138	638	8	646	1,190
PM Totals		812	19	831	290	2	292	1,301	22	1,323	2,446

Job No. : AUNSW5968
Client : LYLE MARSHALL & PARTNERS PTY LTD
Suburb : Regents Park
Location : 4. Morris St / Auburn Rd

Day/Date : Thu 23rd Feb 2023
Weather : Partly rain
Description : Classified Intersection Count
Intersection Diagram

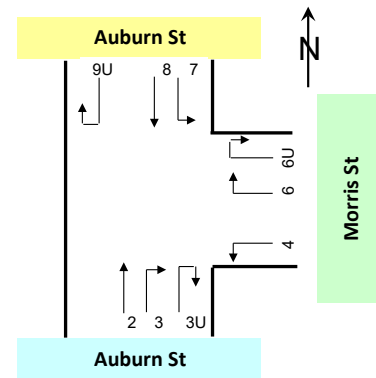


Hour Starting	Vehicle Type
AM Totals	All Vehicles



Job No. : AUNSW5968
Client : LYLE MARSHALL & PARTNERS PTY LTD
Suburb : Regents Park
Location : 4. Morris St / Auburn Rd

Day/Date : Thu 23rd Feb 2023
Weather : Partly rain
Description : Classified Intersection Count
 : Peak Hour Summary



Approach	Auburn St			Morris St			Auburn St			Grand Total
Time Period	Lights	Heavies	Total	Lights	Heavies	Total	Lights	Heavies	Total	
AM 8:00 to 9:00	596	19	615	17	0	17	437	18	455	1,087
PM 16:15 to 17:15	429	14	443	7	0	7	520	14	534	984

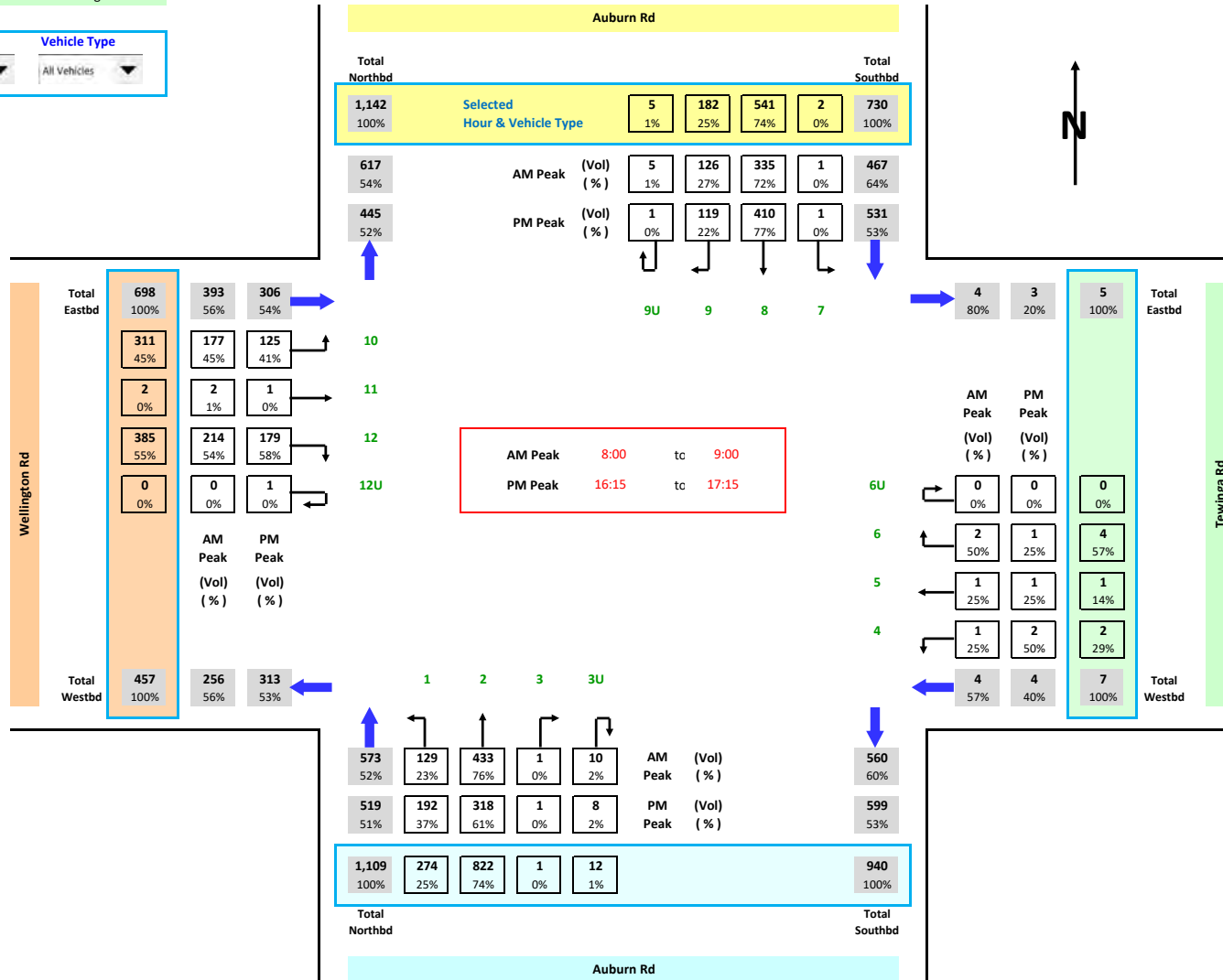
Approach	Auburn St			Morris St			Auburn St			Grand Total
Time Period	Lights	Heavies	Total	Lights	Heavies	Total	Lights	Heavies	Total	
7:00 to 8:00	507	20	527	11	0	11	245	16	261	799
7:15 to 8:15	575	20	595	12	0	12	288	17	305	912
7:30 to 8:30	611	18	629	18	0	18	331	18	349	996
7:45 to 8:45	624	15	639	17	0	17	405	16	421	1,077
8:00 to 9:00	596	19	615	17	0	17	437	18	455	1,087
AM Totals	1,103	39	1,142	28	0	28	682	34	716	1,886
16:00 to 17:00	420	12	432	8	0	8	528	11	539	979
16:15 to 17:15	429	14	443	7	0	7	520	14	534	984
16:30 to 17:30	421	14	435	11	0	11	494	11	505	951
16:45 to 17:45	426	16	442	13	0	13	485	11	496	951
17:00 to 18:00	405	12	417	15	0	15	470	11	481	913
PM Totals	825	24	849	23	0	23	998	22	1,020	1,892

Job No. : AUNSW5968
Client : LYLE MARSHALL & PARTNERS PTY LTD
Suburb : Regents Park
Location : 5. Wellington Rd / Auburn Rd / Tewinga Rd

Day/Date : Thu 23rd Feb 2023
Weather : Partly rain
Description : Classified Intersection Count
: Intersection Diagram

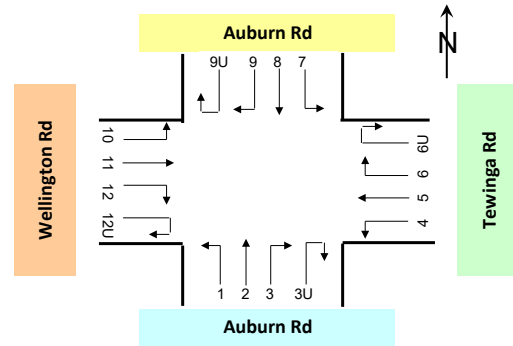


Hour Starting: AM Totals
Vehicle Type: All Vehicles



Job No. : AUNSW5968
Client : LYLE MARSHALL & PARTNERS PTY LTD
Suburb : Regents Park
Location : 5. Wellington Rd / Auburn Rd / Tewinga Rd

Day/Date : Thu 23rd Feb 2023
Weather : Partly rain
Description : Classified Intersection Count
 : Peak Hour Summary



Approach		Auburn Rd			Tewinga Rd			Auburn Rd			Wellington Rd			Grand Total
Time Period		Lights	Heavies	Total	Lights	Heavies	Total	Lights	Heavies	Total	Lights	Heavies	Total	
AM	8:00 to 9:00	551	22	573	4	0	4	449	18	467	372	21	393	1,437
PM	16:15 to 17:15	500	19	519	4	0	4	518	13	531	298	8	306	1,360

Approach		Auburn Rd			Tewinga Rd			Auburn Rd			Wellington Rd			Grand Total
Time Period		Lights	Heavies	Total	Lights	Heavies	Total	Lights	Heavies	Total	Lights	Heavies	Total	
7:00 to 8:00		512	24	536	3	0	3	247	16	263	279	26	305	1,107
7:15 to 8:15		558	21	579	2	0	2	295	17	312	339	25	364	1,257
7:30 to 8:30		567	18	585	2	0	2	341	17	358	377	21	398	1,343
7:45 to 8:45		584	15	599	3	0	3	416	16	432	375	24	399	1,433
8:00 to 9:00		551	22	573	4	0	4	449	18	467	372	21	393	1,437
AM Totals		1,063	46	1,109	7	0	7	696	34	730	651	47	698	2,544
16:00 to 17:00		483	17	500	4	0	4	524	10	534	294	9	303	1,341
16:15 to 17:15		500	19	519	4	0	4	518	13	531	298	8	306	1,360
16:30 to 17:30		492	19	511	6	0	6	495	10	505	293	6	299	1,321
16:45 to 17:45		495	21	516	7	0	7	478	10	488	291	5	296	1,307
17:00 to 18:00		496	13	509	6	0	6	465	10	475	263	5	268	1,258
PM Totals		979	30	1,009	10	0	10	989	20	1,009	557	14	571	2,599

APPENDIX D

TRAFFIC CONTROL PLAN OF MANAGEMENT

WORK SITE TRAFFIC CONTROL AT 30-46 AUBURN ROAD REGENTS PARK

The Traffic Controller is to report on duty to the work site supervisor prior to commencement of duties. The Traffic Controller is to be trained with the minimum SAFE WORK NSW accreditation of "Traffic Controller" and hold the relevant certificate.

Stage 1

A Traffic Controller must be on duty to stop pedestrians when there are trucks ingressing and egressing the site during peak delivery times or as required.

Stage 2

A Traffic Controller must be on duty to stop pedestrians at the main entrance and exit driveway when there are trucks ingressing and egressing the site during peak delivery times or as required.

Refer to **Traffic Control at Work sites Version 6.1 (TCAWS Technical Manual February 2022)** and **AS1742.3-2019 Manual of Uniform Traffic Control Devices Part 3: Traffic Control for Works on Roads**.

Refer to **Austroads AGTTM07 Guide to Temporary Traffic Management Part 7: Traffic Controllers**.

Stage 3

A Traffic Controller must be on duty to stop pedestrians at the main entrance driveway and exit driveway to Auburn Road when there are trucks ingressing and egressing the site during peak delivery times. A traffic Controller may be required at the western driveway whilst deliveries are being undertaken to stop pedestrians if required.

Stage 4

A Traffic Controller must be on duty to stop pedestrians at the main entrance and exit driveway when there are trucks ingressing and egressing the site during peak delivery times or as required

Stage 5-6

A Traffic Controller must be on duty to stop pedestrians at the main entrance and exit driveway when there are trucks ingressing and egressing the site during peak delivery times or as required

TRAFFIC CONTROLL GENERAL GUIDELINES.**Instructions for Traffic Controllers**

A Traffic Controller shall:-

- wear the approved high visibility external clothing at all times.
- ensure that **PREPARE TO STOP** (TI-18) and traffic controller symbolic (TI-34 or TI – 200-2 and TI-200-3 signs on RTA work) signs are in place and located in accordance with the TCP.
- stand, if possible, where he or she can see the end of the work and any other Traffic Controller and where the sight distance to oncoming traffic is at least 1.5D. Traffic Controllers shall ensure that they are able to signal each other either directly or by using two-way radios, an intermediate person or other means. All radios shall be confirmed to be in working order before going to the work site. **Radios shall not be used at blasting works.**
- stand facing the traffic, but just outside the travel path so that he or she can be seen for a minimum of 1.5D in advance by oncoming traffic.
- not obstruct the motorists view of other signs and devices or be hidden by them.
- **always stand so that a clear escape path is available.**
- once the first vehicle has stopped, change position if necessary, in order to be clearly visible to following traffic. The Traffic Controller shall stay at the head of the traffic queue and stand alone, never permitting people to group around.
- give definite and clear signals to:-

Stop traffic – turn the **STOP/SLOW** bat (R6-8/T7 – 1) to **STOP** and raise the free arm into the top signal position with the palm of the hand towards the traffic

Allow traffic to proceed – check that all traffic from the other end of the work site has passed, then turn the **STOP/SLOW** bat to **SLOW** and with the other hand give the **GO** signal

Slow traffic – show the **SLOW** side of the **STOP/SLOW** bat, extend the free arm and wave arm up and down.

- stand clear of traffic when allowing it to proceed.
- not leave his or her post until directed by the Works Supervisor or Team Leader, or relieved by another Traffic Controller.
- be courteous at all times in dealing with the public. If requested, inform the driver of the reason for, and possible length of the delay, but be brief. If provoked by unreasonable behaviour, exercise restraint.

- remove or cover the **PREPARE TO STOP** (TI -18) and traffic controller symbolic (TI-34, TI-200-2 or TI-200-3) signs when traffic control is discontinued or during brief breaks such as lunch.
- report irresponsible motorists immediately. The Police will deal with them if you can report quickly.

NOTE:

There are three types of traffic controller ahead signs namely:

- **day use only** (TI - 34) – black symbol on fluorescent/retroreflective red background
- **day and night use** (TI-200-2) – black symbol and border on Class I reflectorised yellow background for works which continue day and night
- **night use only** (TI-200-3) – Class I reflectorised yellow symbol and border on black background.

DRIVER CODE OF CONDUCT

WORK SITE TRAFFIC CONTROL AT 30-46 AUBURN ROAD REGENTS PARK

1.0 General Requirements

Drivers hauling fill material and deliveries to and from 30-46 Auburn Road Regents Park Construction Site must:-

- i) Have undertaken a site induction carried out by an approved member of the construction management team or suitably qualified person under the direction of the site management.
- ii) Hold a valid driver's licence for the class of vehicle they operate;
- iii) Operate the vehicle in a safe manner within and external to the quarry site;
- iv) Comply with the direction of authorised site personnel when within the site;
- v) Adhere to the site speed limit of 10Km/Hr;
- vi) Follow the directed traffic route and loading areas within the site.

1.2 Heavy Vehicle Speed

Increased speed means not only an increased risk of crashing but also increased severity if an accident occurs. A study undertaken for the Australian Transport Safety Bureau found that travelling 10 km/h faster than the average traffic speed can more than double the risk of involvement in a casualty accident. (Source Roads and Maritime Services (RMS)).

There are two types of speeding: i) Where a heavy vehicle travels faster than the posted speed limit; and ii) Where a driver travels within the speed limit but because of road conditions (e.g. fog or rain) this speed is inappropriate. (Source RMS).

Drivers and truck operators are to be aware of the "Three Strikes Scheme" introduced by the Roads and Maritime Services which applies to all vehicles over 4.5 tonnes. When a heavy vehicle is detected travelling at 15 km/h or more over the posted or relevant heavy vehicle speed limit by a mobile Police unit or fixed speed camera, the Roads and Maritime Services will record a strike against that vehicle. If three strikes are recorded within a three year period, the Roads and Maritime Services will act to suspend the registration of that vehicle (up to three months). More information is available from the Roads and Maritime Services website.

The speed limit within the site is 10km/hr maximum. Drivers must adhere to the traffic speed signage within the site at all times.

Vehicle speed on public roads is enforced by the NSW Police Service. All heavy vehicle drivers operating out of the site are to observe the posted speed limits, with speed adjusted appropriately to suit the road environment and prevailing weather conditions, to comply with the Australian Road Rules. The vehicle speed must be appropriate to ensure the safe movements of the vehicle based on the vehicle configuration.

1.3 Heavy Vehicles Driver Fatigue

Fatigue is one of the biggest causes of accidents for heavy vehicle drivers. The Heavy Vehicle Driver Fatigue Guidelines -2007 by the National Transport Commission (NTC) are to be followed by all heavy vehicle drivers.

The heavy vehicle driver fatigue law commenced in NSW on 28 September 2008 and applies to trucks and truck combinations over 12 tonne GVM (however there are Ministerial Exemption Notices that can apply). Under the law, industry has the choice of operating under three fatigue management schemes: i) Standard Hours of Operation ii) Basic Fatigue Management (BFM) iii) Advanced Fatigue Management (AFM) All heavy vehicle drivers operating out of the 30-46 Auburn Road are to be aware of their adopted fatigue management scheme and operate within its requirements.

1.4 Heavy Vehicle Compression Braking

Compression braking by heavy vehicles is a source of irritation to the community generating many complaints especially at night when residents are especially sensitive to noise. In some instances compression braking is required for safety reasons however when passing through or adjacent to residential areas a reduction in the speed of the vehicle is recommended to reduce the instances and severity of compression braking.

The site is located within an industrial area and not adjacent to residential homes.

However if a driver is to pass residential areas they are to ensure brakes are applied so as not to create excessive noise that could disturb local residents where possible.

1.5 Heavy Vehicle Noise

The operating hours for transportation of materials to and from the-site are anticipated to be as follows:-

Monday – Friday (except Public Holidays) 7:00am to 6:00pm

Saturdays 7:30 am to 5:00 pm Sundays and Public Holidays No activities

The following activities may be carried out on the site outside these hours of operation;

- a) works that are inaudible at the nearest sensitive receivers
- b) delivery or dispatch of materials as requested by Police or other authorities; and
- c) Emergency work to avoid the loss of lives, property and/or to prevent environmental harm.

1.6 Load Covering

Loose material on the road surface has the potential to cause road crashes and vehicle damage. All trucks arriving at or departing from the site whether loaded with material or not are required to have an effective cover over their load for the duration of the trip. The load cover may be removed upon arrival at the delivery site. All care is to be taken to ensure that all loose debris from the vehicle body and wheels is removed prior to leaving the site. Drivers must ensure that following tipping, the tailgate is locked before leaving the site.

1.7 Breakdowns and Incidents

In the case of a breakdown the vehicle must be towed to the nearest breakdown point as soon as possible. All breakdowns must be reported to the RMS TMC (Transport Management Centre) on 131700 and the vehicle protected in accordance with the Heavy Vehicle Drivers handbook. To ensure that traffic impacts are minimised in the event of an incident, rapid response from the haulage company is required. In order to ensure rapid response to incidents drivers must contact the RMS TMC on 131 700, their shift manager and the Site Construction Manager (Prime Projects) as soon as the stranded vehicle and load is safely secured.

If there is a product spill while loading/unloading or en-route the driver must:

- i) Immediately warn persons in the area who may be at risk;
- ii) Inform their shift supervisor/owner.
- iii) All spills must be adequately cleaned up and waste disposed of in an acceptable and environmental manner;
- iv) Put out warning triangles where it is safe to do so;
- v) Contact the NSW Police Service.

1.8 Contact Numbers

- i) RMS Transport Management Centre 131 700
- ii) Canterbury Bankstown Council TBA
- iii) NSW Police Service (South Sydney LAC) (02) 8338 7399
- iv) Raad Group Site Supervisor TBA

1.9 Drivers To Refer to Safety Induction Document.

The safety Induction document will be issued to all drivers before commencing work on site or arriving at the site and will contain Section 3.2 of the report outlining vehicular routes paths to be taken to and from the site. A copy of the Construction Traffic Management Plan which is annexured to the Construction Management Plan is to be kept on site at all times. The site supervisor will ensure that Drivers adhere to the routes and times specified in the report and follow the Construction Traffic Management Plans located in Appendix A of this report.