

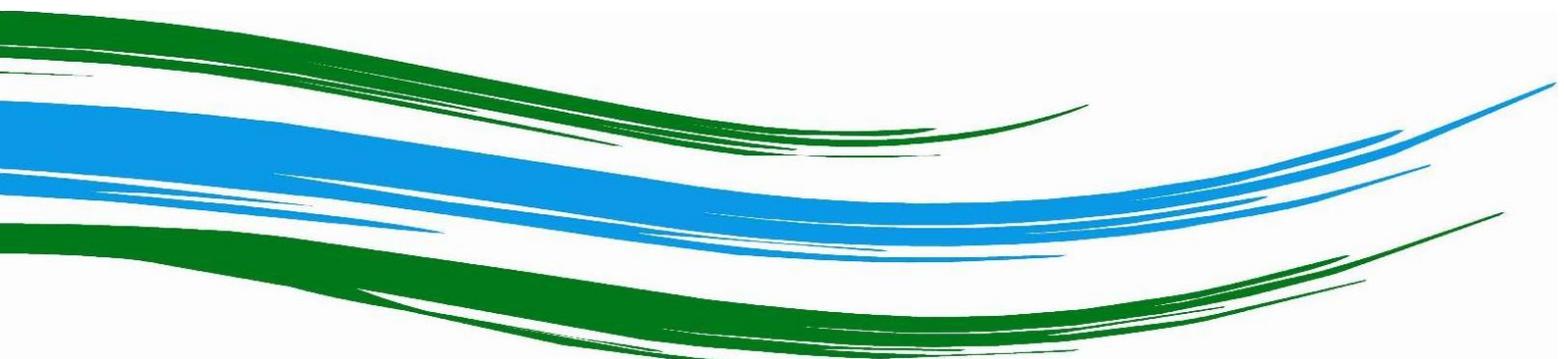


# Local Traffic Committee Business Paper

**Committee Meeting**  
**5 May 2020**

---

**Meeting Rooms 1 & 2**



**LOCAL TRAFFIC COMMITTEE**  
**05 May 2020**

Dear Sir/Madam

You are advised that the next Local Traffic Committee is scheduled for 5 May 2020, commencing at 9.30am at Meeting Rooms 1 & 2.

Local Traffic Committee members are issued with a full set of business papers of proposed items with supportive information where required. Site inspections are recommended to help minimize the Committee's business and improve member's understanding of the issues reported in this Agenda.

Should you require and further information prior to the meeting please contact Council's Traffic Team on 4654 7777.

Your sincerely

Sandra Kubecka  
**DIRECTOR COMMUNITY ASSETS**

## Local Traffic Committee

---

### **Background**

Transport for NSW (TfNSW) is legislated as the Authority responsible for the control of traffic on all NSW Roads. In order to deal with the large number and range of traffic related matters, TfNSW has delegated certain aspects of the control of traffic on local roads to Council (under the Transport Administration Act 1988). To exercise this delegation, Councils must establish a Local Traffic Committee (LTC) and obtain the advice of the TfNSW and NSW Police.

### **Role of the Committee**

The LTC is primarily a technical review and advisory committee which considers the technical merits of proposals and ensures that current technical guidelines are considered. It provides recommendations to Council on traffic and parking control matters and the provision of traffic control facilities and prescribed traffic control devices for which Council has delegated authority. The Committee also advises on traffic matters arising from development applications (regulatory signage and line marking only), special events and road safety issues.

### **Committee Delegations**

The LTC has no decision-making powers. Council must refer all traffic related matters to the Local Traffic Committee prior to exercising its delegated functions. Matters related to State Roads or functions that have not been delegated to Council must be referred directly to the TfNSW or relevant organisation.

The Committee provides recommendations to Council. Council is not bound by the advice of its LTC. Council can choose not to proceed with a recommendation of the Local Traffic Committee by not endorsing it at a Council Meeting where the minutes are presented.

Should Council wish to act contrary to the advice of the Committee or if that advice is not supported unanimously by the Committee members, Council must write to both the TfNSW and NSW Police, who may then choose to appeal to the Regional Traffic Committee within 14 days.

### **Committee Membership**

The LTC is made up of four formal voting members. The members are as follows:

- one representative of Council as nominated by Council;
- one representative of the NSW Police from each Local Area Command (LAC) within the LGA;
- one representative from the TfNSW; and
- the local State Member(s) of Parliament (MP) or their nominee.

Where the Council area is represented by more than one MP or covered by more than one Police LAC, representatives are only permitted to vote on matters within their electorate or LAC.

The role of the four voting members is to:

- review the information provided to the committee.
- advise whether or not the technical justification of facilities meet the relevant guidelines and standards (facilities include lines, signs and devices).
- ensure that the recommendations conform to the matters being referred to and should be recommended for Council to endorse.

In relation to this:

- I. The council representatives and Local Members of Parliament (or representative) typically consider the interests of Council and its constituents. Both representatives on the Committee provide valued local knowledge.
- II. The Transport for NSW (TfNSW) representative provides advice on compliance of the matters with regards to various standards and guidelines.
- III. The NSW Police representative provides input on implications for the road network, particularly where a proposal may affect road safety.

The Committee may also have additional informal (non-voting) advisors. These may include:

- Council Officers
- Chamber of Commerce representatives
- Bus Operator representatives
- Other representatives as determined from time to time.

The informal advisors are not required to attend every LTC meeting. Their attendance is only necessary when items appear on the Agenda which affect their area of expertise or responsibility. The informal advisors are not entitled to a vote.

Please note there is no public gallery for these meetings.

### **LTC Business Paper**

Council is responsible for preparing an LTC agenda and circulates to all formal members and informal advisors of the committee approximately one week prior to the meeting. This will allow members to fully consider the issues and determine their response on each item.

Council encourages each member of the LTC to undertake a site visit prior to considering any proposal. Site visits may be undertaken individually or organised with Council's Traffic Engineer(s).

## COMMON ABBREVIATIONS

BCA	Building Code of Australia
CC	Construction Certificate
CLEP	Camden Local Environmental Plan
CP	Contributions Plan
CRSO	Community and Road Safety Officer
DA	Development Application
DCP	Development Control Plan
DPIE	Department of Planning, Industry & Environment
EEP	Enhanced Enforcement Programs
EIS	Environmental Impact Statement
EP&A Act	Environmental Planning & Assessment Act
GLS	Graduated Licensing Scheme
LEP	Local Environmental Plan
LAP	Local Approvals Policy
LBR	Log Book Run
LGA	Local Government Area
LTC	Local Traffic Committee
PAMP	Pedestrian Access and Mobility Plan
SEPP	State Environmental Planning Policy
SETMP	Special Event Transport Management Plan
SRA	State Rail Authority "Rail Corp"
SREP	Sydney Regional Environmental Plan
SSP	School Safety Program
TCP	Traffic Control Plan
TIA	Traffic Impact Assessment
TMP	Traffic Management Plan
TfNSW	Transport for New South Wales, also commonly referred to as the NSW Department of Transport
VPA	Voluntary Planning Agreement



# LOCAL TRAFFIC COMMITTEE

## ORDER OF BUSINESS - LOCAL TRAFFIC COMMITTEE

### **Acknowledgement of Country**

I would like to acknowledge the traditional custodians of this land on which we meet and pay our respects to elders both past and present.

Present  
Apologies

Confirm and adopt Minutes of the Local Traffic Committee Meeting held 4 February 2020.

Local Traffic Committee Tuesday 5 May 2020

LTC01 Business Arising From The Committee's Last Report ..... 5

### **MATTERS OUTSTANDING**

LTC02 Status Of Local Traffic Committee Recommendations And Actions ..... 6

### **SIGNS, LINES & DEVICES**

LTC03 Yate Place, Narellan Vale - No Stopping Restrictions ..... 7

LTC04 Jamboree Avenue, Leppington - Edgeline Marking..... 10

LTC05 Paramoor Street, Gledswood Hills - Children's Crossing And Parking  
Restrictions At Gledswood Hills Public School..... 15

LTC06 Hollows Drive, Oran Park - Children's Crossing ..... 23

LTC07 Wilson Crescent & Richardson Road, Narellan - Timed Parking  
Restrictions..... 28

LTC08 Ingleburn Road, Leppington - No Stopping Restrictions At Intersection  
With Dickson Road ..... 33

### **PERMANENT ITEMS**

LTC09 Local Behavioural Programs..... 36

LTC10 Permanent Items ..... 40

### **ELECTRONIC MEETING ITEMS**

LTC11 Gledswood Hills Drive, Gledwood Hills, Signage, Linemarking And  
Devices..... 42

LTC12 Mitchell Street, John Street And Exeter Street, Camden - Weetbix  
Kids Tryathlon Special Event Transport Management Plan ..... 49

LTC13 2-14 John Street, Camden (Formally Camden High School Site) -  
Signage, Linemarking And Devices ..... 62

LTC14 St Andrews Road, Leppington - Signage, Linemarking And Devices ..... 66



---

LTC15	Argyle Street / Cawdor Road, Camden - Anzac Day 2020 Special Event Transport Management Plan.....	73
LTC16	Central Avenue, Oran Park - Camden Cultures - Traffic Management Plan .....	79
LTC17	Bluett Drive / Waler Crescent Intersection, Smeaton Grange - No Stopping Restrictions.....	83
LTC18	Little Street, Camden - Signage And Line Marking .....	88
LTC19	Copper Drive, Oran Park - Signage, Linemarking And Devices .....	93
LTC20	Verdant Drive, Gledswood Hills - Signage, Linemarking And Devices .....	99
LTC21	Stone Lane And Burford Lane, Elderslie - Proposed No Parking .....	107
LTC22	Dick Johnson Drive, Oran Park - Signage, Linemarking And Devices.....	111

### **BUSINESS WITHOUT NOTICE**

**DATE OF NEXT LOCAL TRAFFIC COMMITTEE MEETING - TUESDAY 2 JUNE  
2020**

### **INFORMAL ITEMS**

---

## LOCAL TRAFFIC COMMITTEE

### LTC01

**SUBJECT: BUSINESS ARISING FROM THE COMMITTEE'S LAST REPORT**  
**FROM:** Manager Traffic, Depot & Building Services  
**TRIM #:** 20/121667

---

The Local Traffic Committee report dated 4 February 2020 was presented to the Council meeting on 10 March 2020. Council adopted the Local Traffic Committee's recommendations without amendment.

### RECOMMENDED

**That the adoption by Council of the Committee's recommendations dated 4 February 2020 be noted.**



---

## LOCAL TRAFFIC COMMITTEE

### LTC02

**SUBJECT: STATUS OF LOCAL TRAFFIC COMMITTEE RECOMMENDATIONS  
AND ACTIONS**

**FROM:** Manager Traffic, Depot & Building Services

**TRIM #:** 20/121707

---

Work instructions have been issued for recommendations of the Local Traffic Committee from the meeting on 4 February 2020.

### RECOMMENDED

**That the status report on outstanding Local Traffic Committee recommendations and actions be noted.**

---

## LOCAL TRAFFIC COMMITTEE

### LTC03

**SUBJECT: YATE PLACE, NARELLAN VALE - NO STOPPING RESTRICTIONS**  
**FROM:** Manager Traffic, Depot & Building Services  
**TRIM #:** 20/41314

---

#### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the installation of No Stopping restrictions along the southern side of Yate Place between Holdsworth Drive and Cornuta Close.

#### BACKGROUND

Concern has been raised regarding parking along Yate Place particularly during school pick-up times. Due to the nature of the road, parking vehicles on both sides impacts on traffic flow. Formal restrictions are proposed to address this.

#### MAIN REPORT

Yate place is a 7.5-metre-wide local access road which is located 180 metres from Narellan Vale Public School.

Due to the nature of the road, when vehicles are parked on both sides, the carriageway can only accommodate one-way travel. There have also been reports received by Council regarding motorists parking up close to the intersection impacting on sightlines, traffic flow and pedestrian amenity.

It is proposed to reinforce the full-time No Stopping at the intersection of Yate Place with Holdsworth Drive and at the intersection of Yate Place with Cornute Close. It is also proposed to implement 40 metres of No Stopping (2:30pm - 4pm School Days) restrictions on the southern side of Yate Place between Holdsworth Drive and Cornuta Close. This would assist in maintaining traffic flow along the section of Yate Place.

Consultation was undertaken with adjacent owners and occupants regarding the proposed No Stopping restrictions. Two responses were received in support of the proposal. One of whom requested that the restrictions be extended along Yate Place between Cornuta Close and Maddison Court. This is not recommended at this time but the street will be monitored upon implementation to determine whether an extension of the restrictions would be warranted in the future.

#### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

It is proposed that the cost of the signage be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2019/20 financial year at an approximate cost of \$1600

#### CONCLUSION

Following concern about vehicles parking in a manner which obstructs traffic flow and compromising safety, it is recommended that the Committee supports the installation of



---

a combination of No Stopping restrictions.

### **RECOMMENDED**

The Local Traffic Committee recommends that Council approves in Yate Place, Narellan Vale:

- i. **No Stopping restrictions (R5-400 signage) at the intersections with Holdsworth Drive and Cornuta Close; and**
- ii. **40 metres of timed No Stopping (2:30pm-4pm school days) restrictions (R5-404 signage) on the southern side between Holdsworth Drive and Cornuta Close.**

### ATTACHMENTS

1. Plan

Created on 11/06/2019 3:44 PM



DISCLAIMER: This map has been prepared from Council records by the Land Information Section. If you intend to rely on this information you should have it verified first. Camden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.

**Subject Site**

Yate Place, Narellan Vale

13595/2019

Map Scale: 1:420

Projection: GDA94 / MGA zone 56

Date: 11/06/2019 3:44 PM



Camden Council  
70 Central Ave  
ORAN PARK NSW 2570  
Telephone: 02 4664 7777  
Fax: 02 4664 7829  
Email: [mail@camden.nsw.gov.au](mailto:mail@camden.nsw.gov.au)



---

## LOCAL TRAFFIC COMMITTEE

LTC04

**SUBJECT: JAMBOREE AVENUE, LEPPINGTON - EDGELINE MARKING**  
**FROM:** Manager Traffic, Depot & Building Services  
**TRIM #:** 20/121004

---

### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the installation of edge line marking in Jamboree Avenue between Baden Powell Avenue and St Andrews Road.

### BACKGROUND

Concerns have been raised regarding motorists driving in a manner that compromises road user safety on Jamboree Avenue. Measures are proposed to help address these concerns.

### MAIN REPORT

Jamboree Avenue is a local collector road with residential frontages and is also situated along a bus route. It measures 11 metres in width along most of its length with kerb extensions at intersections. Traffic counts were undertaken and found that the 85<sup>th</sup> percentile speed was 56km/h.

Edgelines are proposed to provide travel lanes of 3.3 metres wide with parking lanes of 2.2 metres wide. This is aimed at reducing speeds.

Consultation was undertaken with adjacent owners and occupants regarding the proposed line marking. Three responses were received. One respondent supported the proposal and requested additional measures including speed humps and flashing 50km/h signs. Two respondents proposed additional measures such as speed humps should be implemented.

Speed humps generate noise as a result of vehicles slowing down on approach and accelerating on departure – noise is also generated when a vehicle travels on the hump and this is amplified if the vehicle is carrying an unsecured load. The noise would impact on residential amenity and is not recommended on a collector road.

### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

It is proposed that the cost of installation be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2019/20 financial year at an approximate cost of \$2,000.

### CONCLUSION

Concerns have been raised about vehicles speeding along Jamboree Ave and it is recommended that the Committee supports edgelines to help address the issue.

---

**RECOMMENDED**

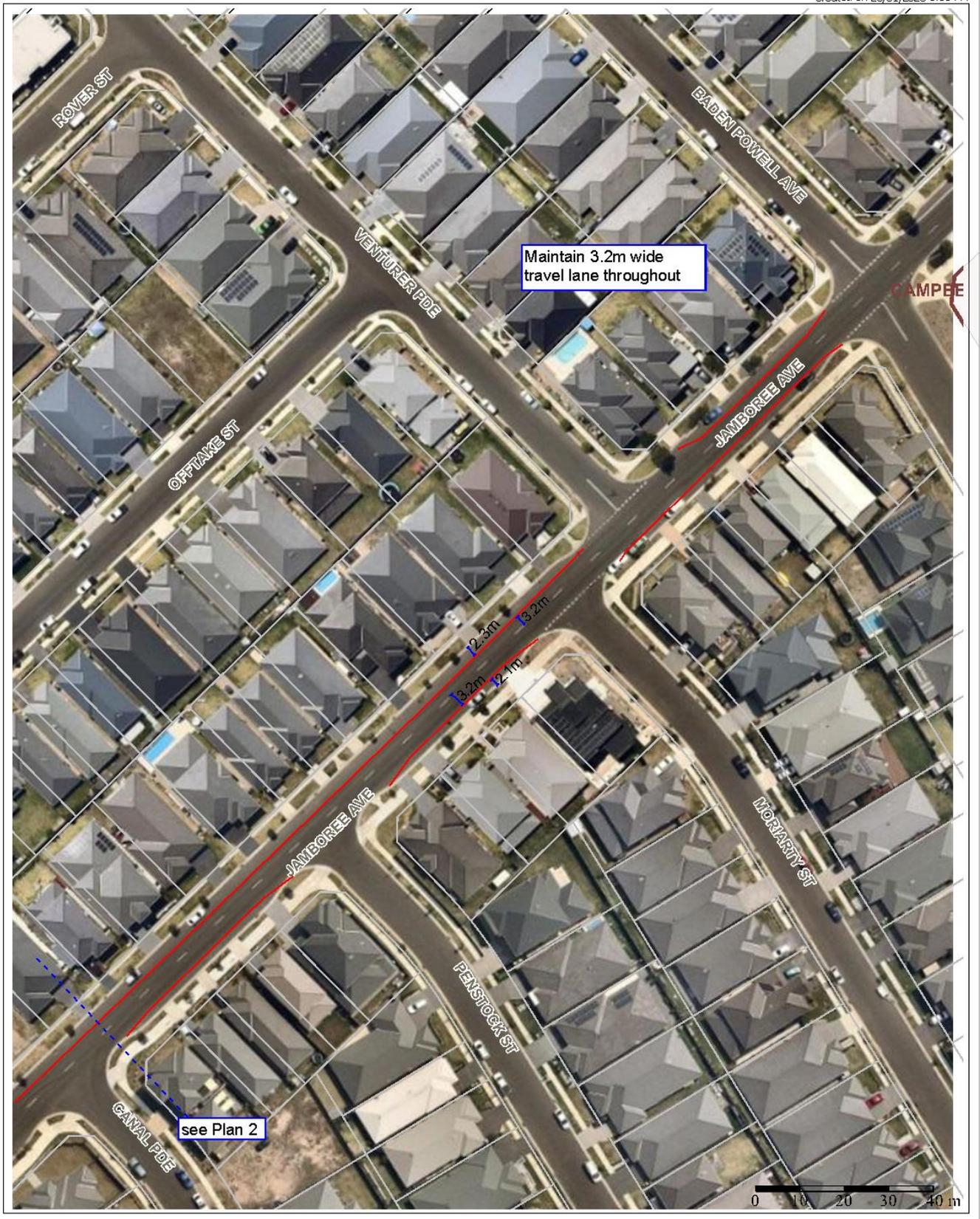
**The Local Traffic Committee recommends that Council approves in Jamboree Avenue, Leppington, edgelines (E1) between Baden Powell Avenue and St Andrews Road.**

**ATTACHMENTS**

1. Plan 1
2. Plan 2
3. Plan 3

LTC04

Attachment 1



Camden Council  
 70 Central Ave  
 ORAN PARK NSW 2570  
 Telephone: 02 4654 7777  
 Fax: 02 4654 7829  
 Email: [mail@camden.nsw.gov.au](mailto:mail@camden.nsw.gov.au)



**Subject Site**

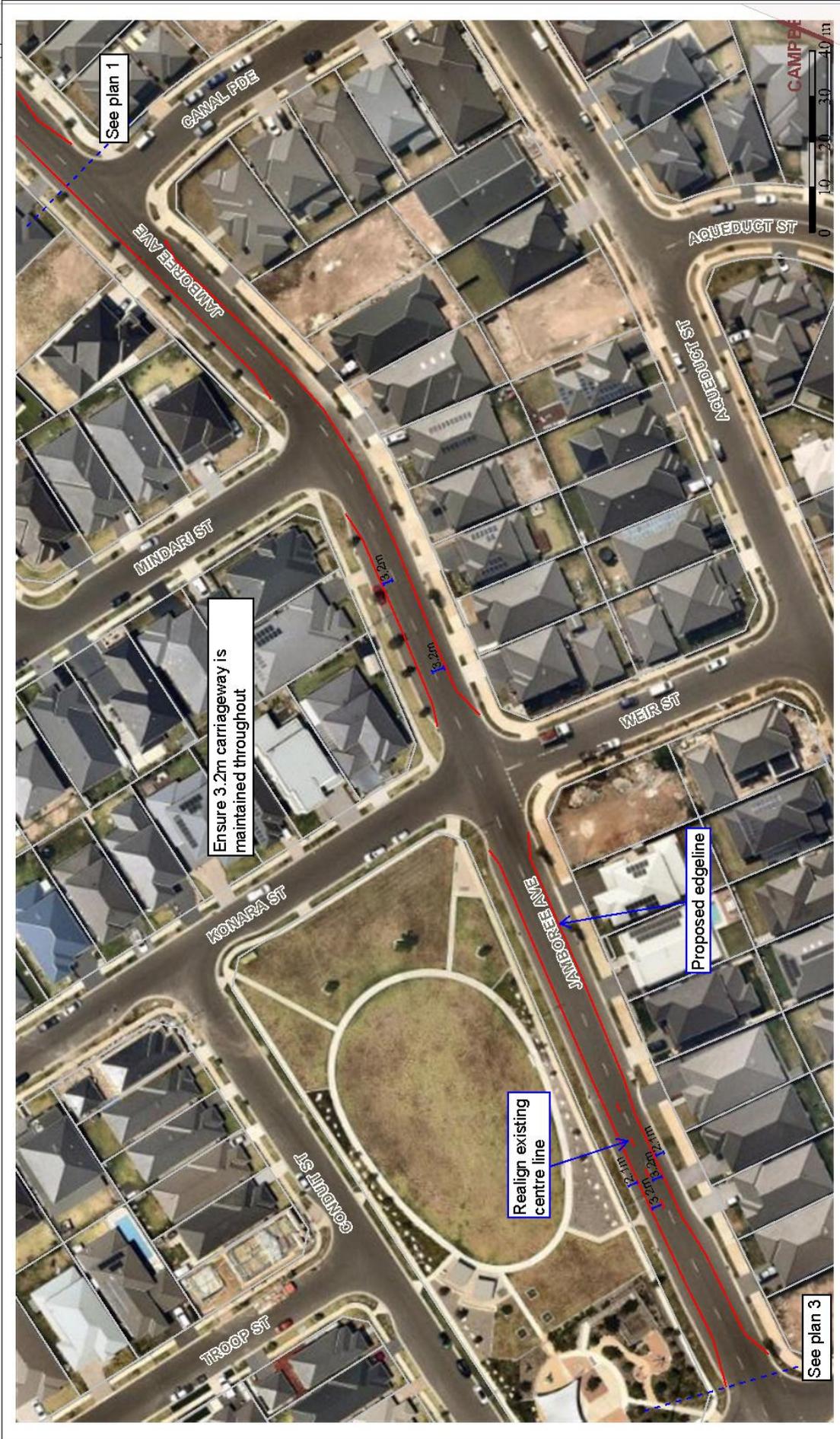
Jamboree Ave, Leppington  
 1

Map Scale: 1:1129  
 Projection: GDA94 / MGA zone 56  
 Date: 23/01/2020 3:00 PM



DISCLAIMER: This map has been prepared from Council records by the Land Information Section. If you intend to rely on this information you should have it verified first. Camden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.

Created on 23/01/2020 3:44 PM



**Subject Site**  
 Jamboree Ave, Leppington  
 2

Map Scale: 1:1129  
 Projection: GDA94 / MGA zone 56  
 Date: 23/01/2020 3:44 PM



Camden Council  
 70 Central Ave  
 ORAN PARK NSW 2570  
 Telephone: 02 4654 7777  
 Fax: 02 4654 7829  
 Email: [enquiries@camden.nsw.gov.au](mailto:enquiries@camden.nsw.gov.au)



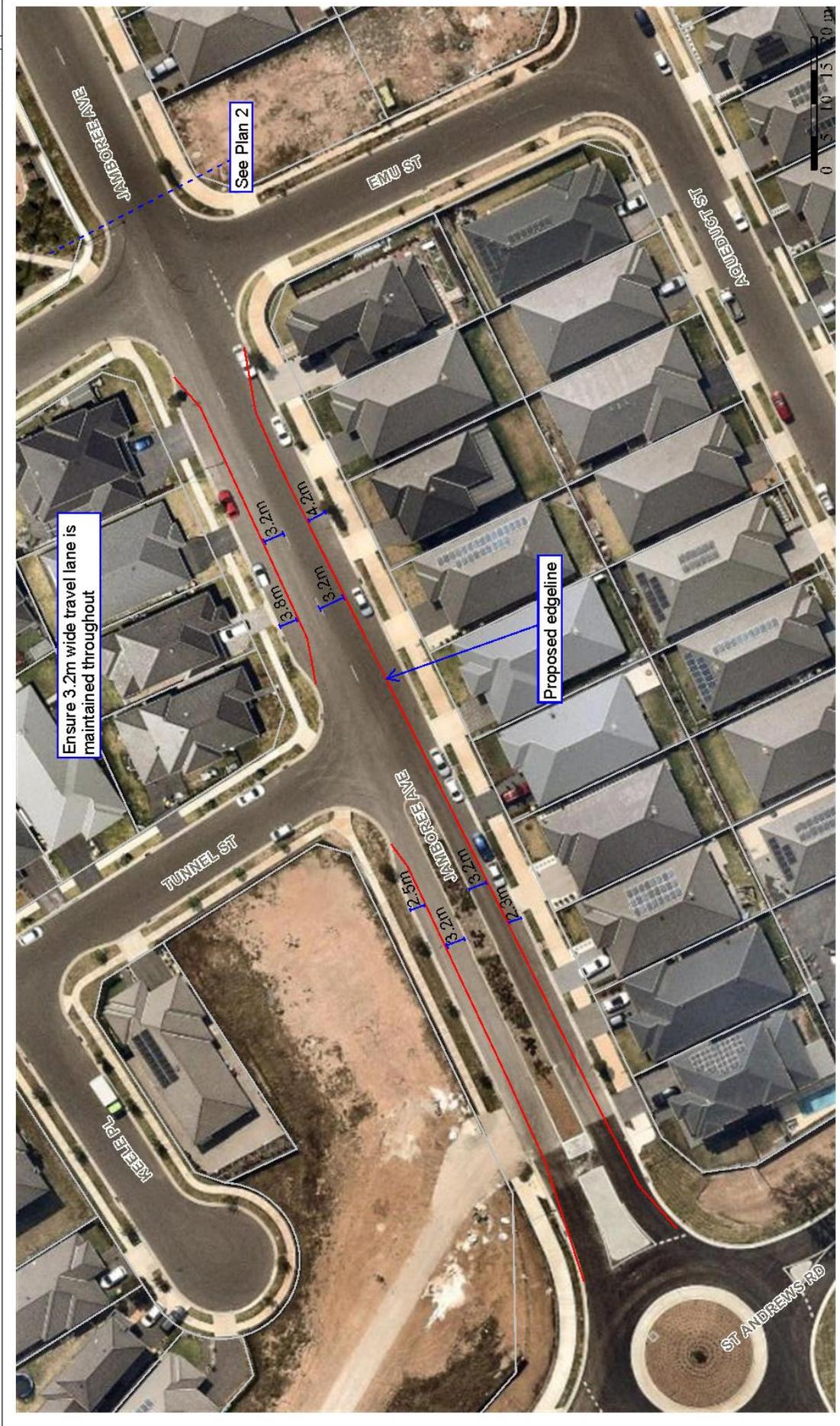
DISCLAIMER: This map has been prepared from Council records by the Land Information Section. If you intend to rely on this information you should have it verified first. Camden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.

**Attachment 2**

**LTC04**

LTC04  
Attachment 3

Created on 24/01/2020, 10:54 AM



**Subject Site**  
 Jamboree Ave, Leppington  
 3



Camden Council  
 70 Central Ave  
 DRAN PARK NSW 2570  
 Telephone: 02 4624 7777  
 Fax: 02 4624 7770  
 Email: [mail@camden.nsw.gov.au](mailto:mail@camden.nsw.gov.au)

Map Scale: 1:800  
 Projection: GDA94 / MGA zone 56  
 Date: 24/01/2020 10:54 AM



DISCLAIMER: This map has been prepared from Council records by the Land Information Section. If you intend to rely on this information you should have it verified first. Camden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.

---

## LOCAL TRAFFIC COMMITTEE

LTC05

**SUBJECT: PARAMOOR STREET, GLEDWOOD HILLS - CHILDREN'S CROSSING AND PARKING RESTRICTIONS AT GLEDWOOD HILLS PUBLIC SCHOOL**

**FROM:** Manager Traffic, Depot & Building Services

**TRIM #:** 20/121466

---

### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the implementation of a Children's Crossing and parking restrictions in the vicinity of Gledswood Hills Public School. concurrence is also sought for the implementation of zig-zag line marking along The Hermitage Way on the approach to the crossing.

### BACKGROUND

The location of the school gate and extent of the kiss and ride parking restrictions have resulted in issues associated with queuing and impact on traffic flow along both The Hermitage Way and Paramoor Street. Council has also received correspondence regarding pedestrian safety. Council has also been advised of issues associated with motorists not being able to see the pedestrian crossing along The Hermitage Way.

### MAIN REPORT

Gledswood Hills Public School opened in 2020 with the view of having an extended No Parking (kiss and ride) area along Paramoor Street. It was envisaged that parents would park along and utilize the 155 metre long indented bay when picking up and dropping off student. Instead parents seek to park only in the vicinity of the school gate which is situated on the southern end of the indented bay. This subsequently results in vehicles queuing and at times blocking the roundabout intersection with The Hermitage Way. In consultation with the school, Council officers were advised that relocating the school access gate would not be an option.

Vehicles were also witnessed to be parking near intersections. It was also noted that pedestrians were also crossing at scattered locations.

It is proposed to implement parking restrictions and a Children's Crossing in order to manage traffic and encourage pedestrians to cross in a centralized and controlled area.

It is also proposed that zig zag lines are installed on the approach to the crossing on The Hermitage Way to advise motorists of the crossing due to the road curve and crest impacting on visibility.

The proposed plans have been undertaken in consultation with the school Principal.

### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

The works are estimated to cost \$5,000. It is proposed that the cost be funded from the TfNSW Block Grant for the 2020/21 financial year. Funding for the kerb extensions will be sourced once detailed design is complete.



---

## **CONCLUSION**

The provision of a Children's Crossing and parking restrictions are proposed to enhance road safety and traffic flow in the vicinity of Gledswood Hills Public School, and it is recommended that the Committee supports this proposal.

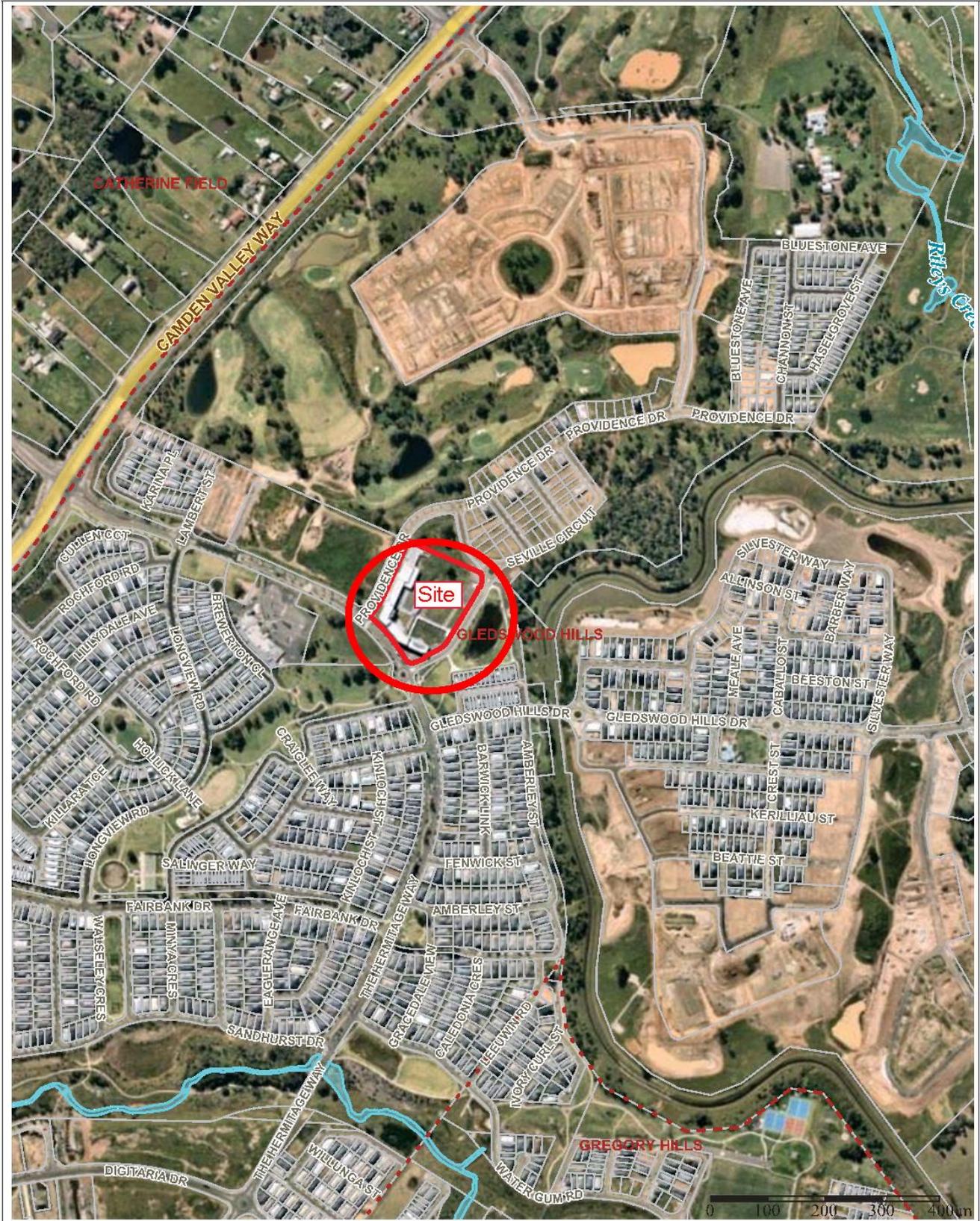
## **RECOMMENDED**

**The Local Traffic Committee recommends that Council approves in the vicinity of Paramoor Street, Gledswood Hills:**

- i. A children's crossing with kerb extensions on Paramoor Street with associated signage and linemarking;**
- ii. No Stopping restrictions (R5-400 signage) on intersections with Seville Circuit and The Hermitage Way;**
- iii. Maintain 57 metres No Parking restrictions (R5-40 signage), 8am-9:30am and 2:30pm-4pm School Days;**
- iv. 30 minute parking restrictions (R5-12 signage) for 79 metres, 8am-9:30am and 2:30pm-4pm School Days; and**
- v. Zig-zag line marking on approaches to the zebra crossing on The Hermitage Way.**

## **ATTACHMENTS**

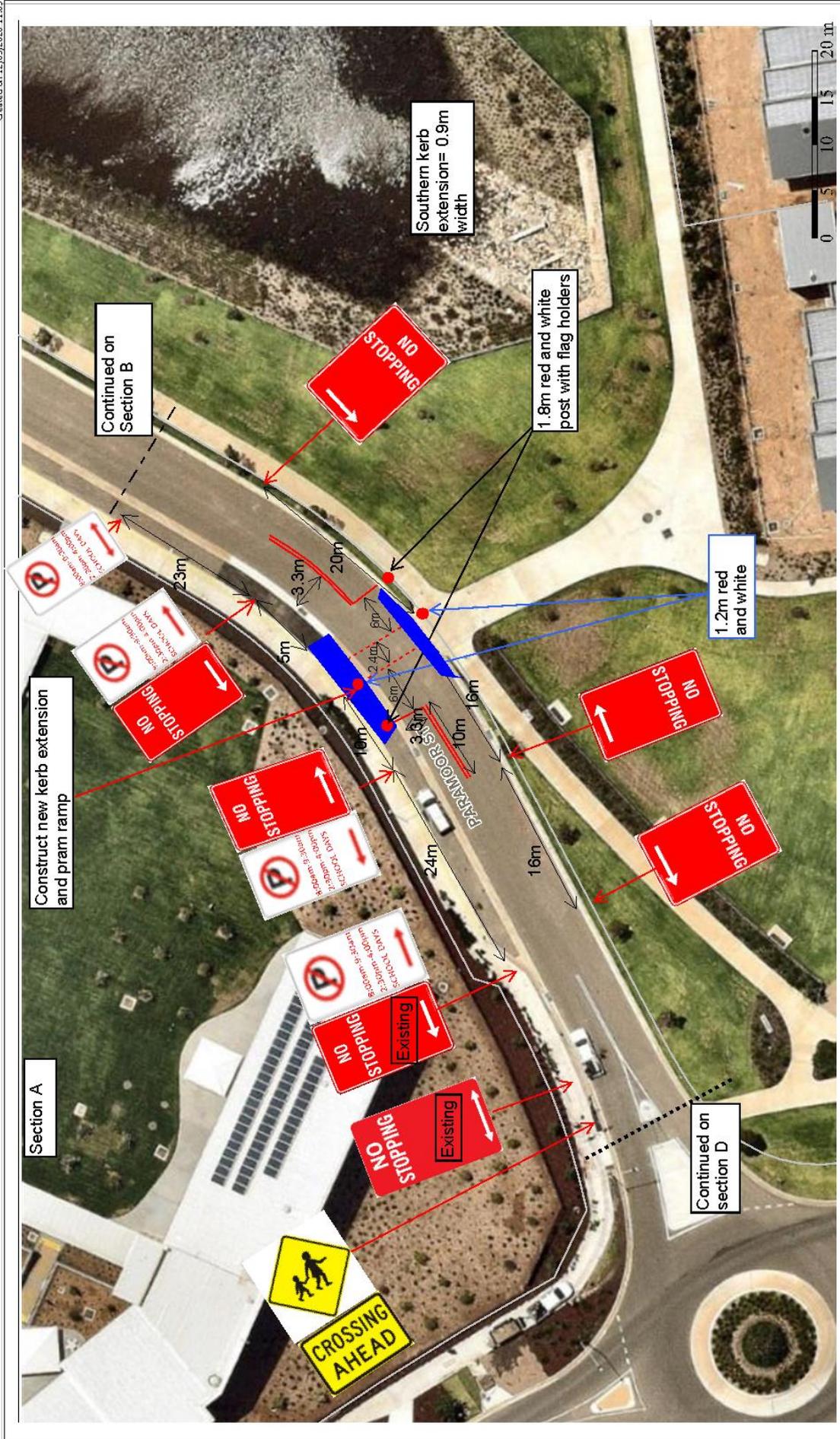
1. Attachment 1 - Location
2. Attachment 2 - Plan 1
3. Attachment 3 - Plan 2
4. Attachment 4 - Plan 3
5. Attachment 5 - Plan 4
6. Attachment 6 - Plan 5



	<b>Subject Site</b>	
<p>Camden Council 70 Cental Ave ORAN PARK NSW 2570 Telephone: 02 4654 7777 Fax: 02 4654 7829 Email: <a href="mailto:mail@camden.nsw.gov.au">mail@camden.nsw.gov.au</a></p>	<p>Location Plan</p>	<p>DISCLAIMER: This map has been prepared from Council records by the Land Information Section. If you intend to rely on this information you should have it verified first. Camden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.</p>
<p>Map Scale: 1:9028 Projection: GDA94 / MGA zone 56 Date: 23/04/2020 8:47 AM</p>		

LTC05  
Attachment 2

Created on 12/03/2020 11:05 AM



DISCLAIMER: This map has been prepared from Council records by the Land Information Section. If you intend to rely on this information you should have it verified first. Camden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.

**Subject Site**  
 Paramoor Street, Gledswood Hills  
**Section A**  
 Map Scale: 1:564  
 Projection: GD494 / MGA zone 56  
 Date: 12/03/2020 11:05 AM





Camden Council  
 70 Central Ave  
 ORAN PARK NSW 2570  
 Telephone: 02 4654 7777  
 Fax: 02 4654 7829  
 Email: [mail@camden.nsw.gov.au](mailto:mail@camden.nsw.gov.au)

**Subject Site**

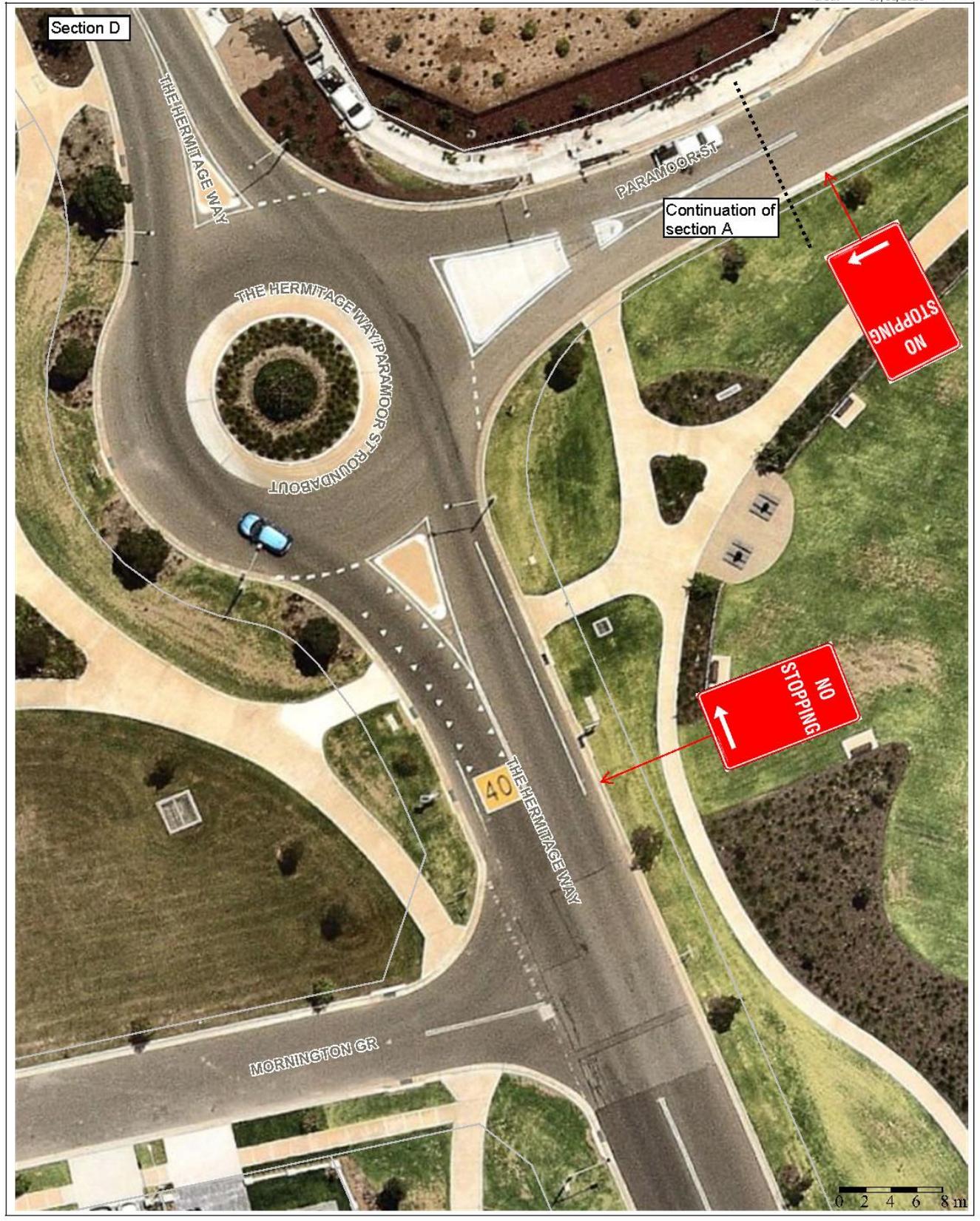
Paramoor Street, Gledswood Hills  
 Section B

Map Scale: 1:564  
 Projection: GDA94 / MGA zone 56  
 Date: 12/03/2020 3:35 PM



DISCLAIMER: This map has been prepared from Council records by the Land Information Section. If you intend to rely on this information you should have it verified first. Camden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.





Camden Council  
 70 Central Ave  
 ORAN PARK NSW 2570  
 Telephone: 02 4654 7777  
 Fax: 02 4654 7829  
 Email: [mail@camden.nsw.gov.au](mailto:mail@camden.nsw.gov.au)



**Subject Site**

Paramoor Street, Gledswood Hills  
 Section D

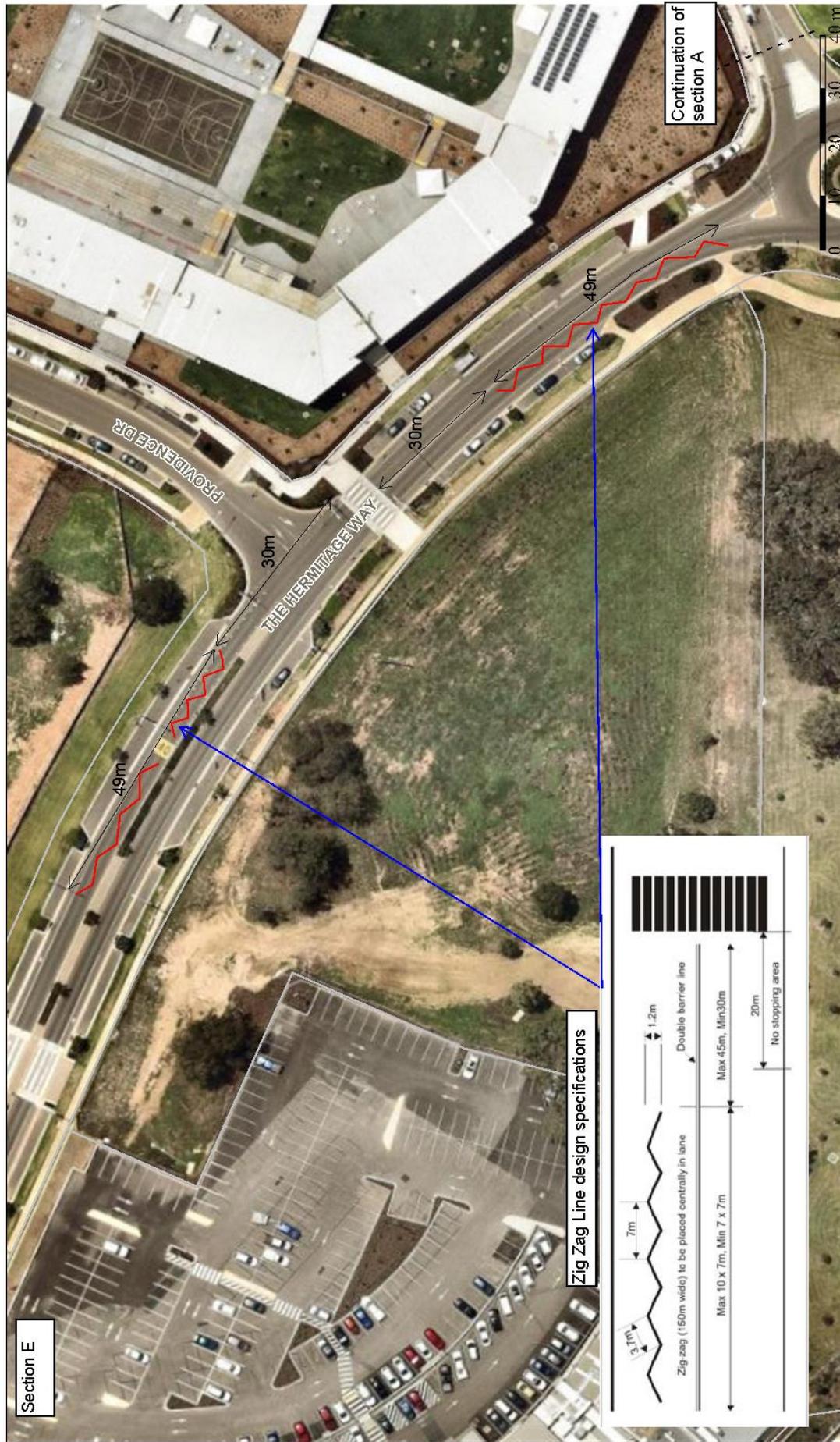
Map Scale: 1:400  
 Projection: GDA94 / MGA zone 56  
 Date: 19/03/2020 11:50 AM



DISCLAIMER: This map has been prepared from Council records by the Land Information Section. If you intend to rely on this information you should have it verified first. Camden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.

LTC05  
Attachment 6

Created on: 19/03/2020 2:55 PM



DISCLAIMER: This map has been prepared from Council records by the Land Information Section. If you intend to rely on this information you should have it verified first. Camden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.

**Subject Site**

The Hermitage Way, Gledswood Hills

**Section E**

Map Scale: 1:1000  
 Projection: GD494 / MGA zone 56  
 Date: 19/03/2020 2:55 PM



---

## LOCAL TRAFFIC COMMITTEE

### LTC06

**SUBJECT: HOLLOWES DRIVE, ORAN PARK - CHILDREN'S CROSSING**  
**FROM:** Manager Traffic, Depot & Building Services  
**TRIM #:** 20/122783

---

#### PURPOSE OF REPORT

To seek Local Traffic committee concurrence for signage and line marking associated with the implementation of a Children's crossing.

#### BACKGROUND

Council has received correspondence regarding pedestrian safety concerns along Hollows Drive as pedestrians seek to access the nearby school and childcare centre.

#### MAIN REPORT

Hollows Drive is a collector road with 9.1-metre-wide carriageway with an additional 4-metre-wide bus bay on the southern side along the frontage of St Justin's Catholic Primary. St Benedict's Catholic College is next to the primary school and there are residences on the northern side of the road.

Concerns have been raised that pedestrians cross the road at multiple locations to access the respective school sites. This may compromise safety and an effective way to address this is by provision of a formalised crossing point. This would also increase awareness for drivers. The location has been selected at the western end of the bus bay to provide direct pedestrian access to the primary school.

A Children's Crossing is proposed with double barrier centreline on the approaches to the crossing, offset to minimise loss of on street parking along the residential frontages.

The school Principal of St Justin's Catholic Primary School has been advised of the proposal and has provided council with a signed agreement to display the Children's Crossing flags during the periods the morning and afternoon periods.

Consultation was also undertaken with adjacent owner and occupiers. One response was received requesting that the crossing be relocated to the east toward the intersection with Olley Avenue as the proposed location would primarily benefit the primary school and childcare centre and be of less benefit to the high school. Further investigation will be undertaken to consider another crossing at the eastern end of the bus bay to assist access to St Benedict's Catholic College.

#### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

The signage, linemarking and pram ramp works are estimated to cost \$6,000. It is proposed that this be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2020/21 financial year.



---

## **CONCLUSION**

The provision of a children's crossing would enhance pedestrian safety along Hollows Drive and it is recommended that the Committee supports this proposal.

## **RECOMMENDED**

The Local Traffic Committee recommends that Council approves in Hollows Drive, Oran Park:

- i. **a Children's Crossing with associated signage and line marking, west of the school bus bay;**
- ii. **Double barrier (BB) centrelines for 7 metres on the western side and 10 metres on the eastern side, set 3.3 metres off the southern kerb; and**
- iii. **No Stopping restrictions (R5-400 signage) for 29 metres on the northern side and 73 metres on the southern side.**

## ATTACHMENTS

1. Attachment 1 - Location Map
2. Attachment 2 - Plan 1
3. Attachment 3 - Plan 2



Camden Council  
 70 Cental Ave  
 ORAN PARK NSW 2570  
 Telephone: 02 4654 7777  
 Fax: 02 4654 7829  
 Email: [mail@camden.nsw.gov.au](mailto:mail@camden.nsw.gov.au)

 **Subject Site**  
 Hollows Drive, Oran Drive

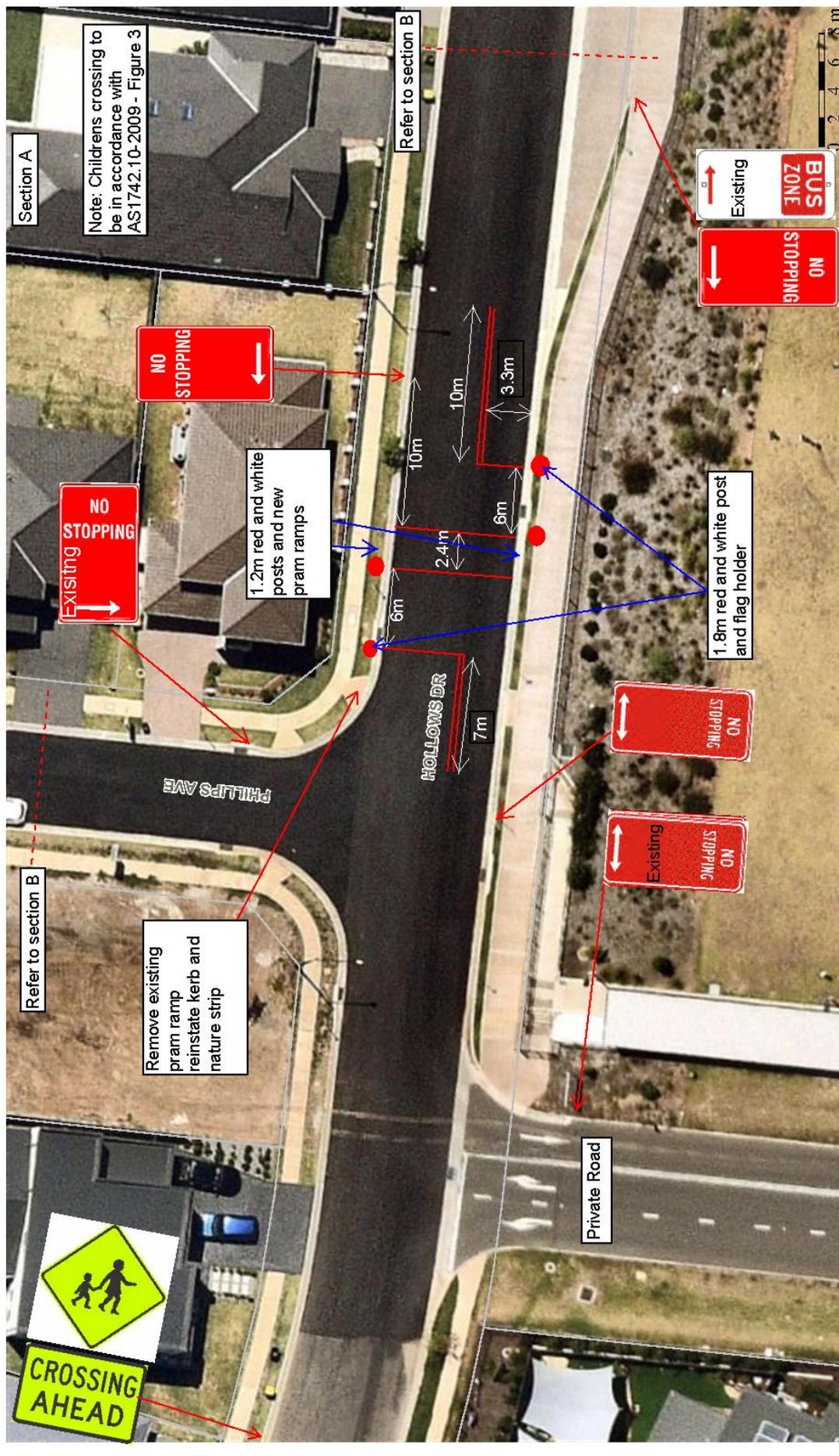
Map Scale: 1:4514  
 Projection: GDA94 / MGA zone 56  
 Date: 24/04/2020 8:16 AM



DISCLAIMER: This map has been prepared from Council records by the Land Information Section. If you intend to rely on this information you should have it verified first. Camden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.

LTC06  
Attachment 2

Created on: 19/03/2020 3:45 PM



DISCLAIMER: This map has been prepared from Council records by the Land Information Section. If you intend to rely on this information you should have it verified first. Camden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.

**Subject Site**  
 Hollows Drive, Oran Park  
**Section A**  
 Map Scale: 1:360  
 Projection: GD494 / MGA zone 56  
 Date: 19/03/2020 3:45 PM





Camden Council  
 70 Central Ave  
 ORAN PARK NSW 2570  
 Telephone: 02 4654 7777  
 Fax: 02 4654 7829  
 Email: [mail@camden.nsw.gov.au](mailto:mail@camden.nsw.gov.au)

 **Subject Site**  
 Hollows Drive, Oran Park

Map Scale: 1:1129  
 Projection: GDA94 / MGA zone 56  
 Date: 20/03/2020 11:17 AM



DISCLAIMER: This map has been prepared from Council records by the Land Information Section. If you intend to rely on this information you should have it verified first. Camden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.



---

## LOCAL TRAFFIC COMMITTEE

**LTC07****SUBJECT: WILSON CRESCENT & RICHARDSON ROAD, NARELLAN - TIMED  
PARKING RESTRICTIONS****FROM:** Manager Traffic, Depot & Building Services**TRIM #:** 20/123201

---

### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for changing existing and implementing parking restrictions in the vicinity of Yandelora School in Narellan.

### BACKGROUND

Concern has been raised regarding lack of parking availability in the vicinity of Yandelora School to accommodate for the needs of people seeking to pick up and drop off students.

### MAIN REPORT

Yandelora School is a facility that caters for students with moderate to severe intellectual and physical disabilities. The school has internal facilities for pick-up and drop off however during the peak period queuing occurs subsequently impacting on traffic in the immediate surrounds and inconvenience to people seeking to drop off and pick up students.

Proposed changes to parking restrictions have been developed with consultation with NSW Police and Yandelora School. It is proposed that the existing 2-hour (2P) parking (8:30-6pm Mon-Fri, 8:30am-12:30pm Sat) is replaced with 30-minute (P30) parking (8am-4pm School days). The existing 2P parking is intended to ensure parking turnover to accommodate visitors to the surrounds including to the police station and businesses. It is proposed therefore to relocate the 2-hour parking restrictions to the western side of Wilson Crescent. The proposed 30-minute parking restrictions are situated adjacent to the driveway access to Yandelora School and seek to accommodate carers seeking to drop off and pick-up students.

It is also proposed to implement 20 metres of 15-minute (P15) parking restrictions (8am-9:30am, 2:30pm-4pm School Days) on Richardson Road frontage. It was originally proposed to also have an additional 9.5m further south - replacing the existing No Parking (8am-9:30am, 2:30pm-4pm school days) and switching it with the existing bus zone, whilst maintaining respective lengths however in consultation with Busabout it was determined that this component not be progressed at the current time.

Community consultation was undertaken with adjacent owners and occupiers and two responses were received. One response supported the proposal however requested that, along Wilson Crescent that the 2-hour restrictions are extended along the length of the school zone as the on-street parking is generally occupied by all-day parking. The respondent also requested line marking adjacent to driveways to deter motorists from parking close to the driveways. In regard to the latter matter, this was not a matter for consideration in the consultation. The second respondent stated that changes to the existing parking restrictions are required but did not believe the plan its current form

was sufficient and recommended changes for consideration. One of the recommendations specified was to extend the 2-hour parking area to the south till the bend on Wilson Crescent. A second suggestion was to ensure the proposed 30-minute restriction (8am-4pm school days) was changed to be all days and not just on school days.

Because the existing 2-hour parking has been replaced on the other side of the road, it is not proposed to make the 30 minute parking applicable at all times. Council will continue to monitor this situation and any potential for extending the proposed 2-hour parking.

### **FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS**

It is proposed that the cost of the signage installation be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2019/20 financial year at an approximate cost of \$1,200.

### **CONCLUSION**

Concern has been raised regarding parking facilities to service Yandelora School and it is proposed to implement parking restrictions along Wilson Crescent and Richardson Road.

### **RECOMMENDED**

**The Local Traffic Committee recommends that Council approves in Wilson Crescent and Richardson Road, Narellan:**

- i. Replacing existing 2-hour (2P) restrictions (8:30am-6pm Mon-Fri, 8:30am-12:30pm Sat) (R5-2 signage) with 30 metres of 30-minute (P30) restrictions (8am-4pm school days) (R5-12) on the eastern side of Wilson Crescent;**
- ii. 23 metres of 2-hour restrictions (8:30am-6pm Mon-Fri, 8:30am-12:30pm Sat) (R5-2 signage) on the western side of Wilson Crescent; and**
- iii. 20 metres of 15-minute (P15) restrictions (8am-9:30am; 2:30pm-4pm) (R5-12 signage) on Richardson Road.**

### **ATTACHMENTS**

1. Attachment 1- Location Plan
2. Attachment 2 - Wilson Cres
3. Attachment 3 - Richardson Road

LTC07

Attachment 1



	<p><b>Subject Site</b> Location Plan - Wilson Cres and Richardson Road, Narellan</p>	
<p>Camden Council 70 Central Ave ORAN PARK NSW 2570 Telephone: 02 4654 7777 Fax: 02 4654 7829 Email: <a href="mailto:mail@camden.nsw.gov.au">mail@camden.nsw.gov.au</a></p>	<p>Map Scale: 1:2257 Projection: GDA94 / MGA zone 56 Date: 24/04/2020 11:04 AM</p>	<p>DISCLAIMER: This map has been prepared from Council records by the Land Information Section. If you intend to rely on this information you should have it verified first. Camden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.</p>



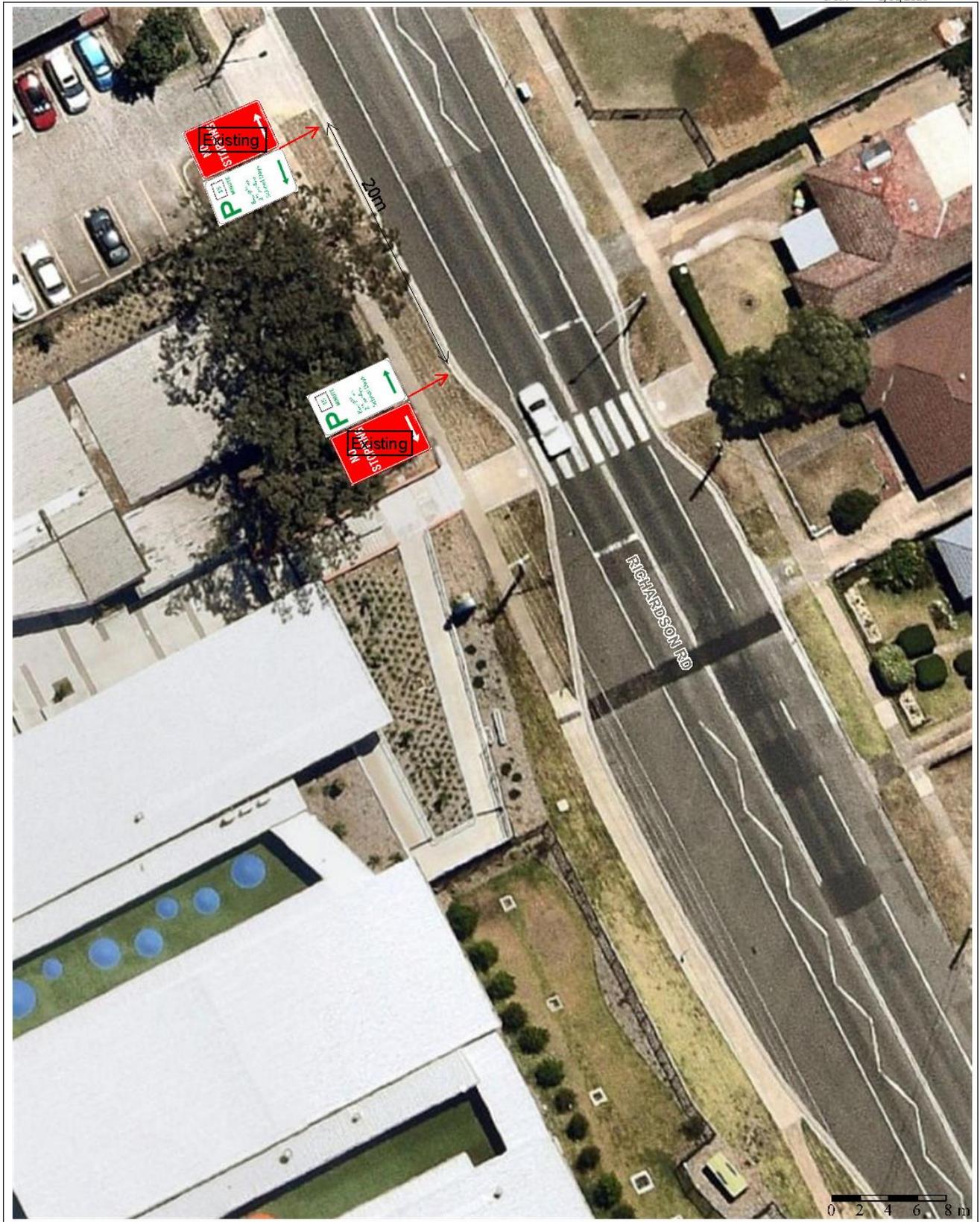
Camden Council  
 70 Central Ave  
 ORAN PARK NSW 2570  
 Telephone: 02 4654 7777  
 Fax: 02 4654 7829  
 Email: [mail@camden.nsw.gov.au](mailto:mail@camden.nsw.gov.au)

**Subject Site**  
 Wilson Cres, Narellan

Map Scale: 1:564  
 Projection: GDA94 / MGA zone 56  
 Date: 2/03/2020 9:25 AM



DISCLAIMER: This map has been prepared from Council records by the Land Information Section. If you intend to rely on this information you should have it verified first. Camden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.



Camden Council  
 70 Central Ave  
 ORAN PARK NSW 2570  
 Telephone: 02 4654 7777  
 Fax: 02 4654 7829  
 Email: [mail@camden.nsw.gov.au](mailto:mail@camden.nsw.gov.au)



**Subject Site**  
 Richardson Road, Narellan

Map Scale: 1:364  
 Projection: GDA94 / MGA zone 56  
 Date: 2/03/2020 11:16 AM



DISCLAIMER: This map has been prepared from Council records by the Land Information Section. If you intend to rely on this information you should have it verified first. Camden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.

---

## LOCAL TRAFFIC COMMITTEE

LTC08

**SUBJECT: INGLEBURN ROAD, LEPPINGTON - NO STOPPING RESTRICTIONS  
AT INTERSECTION WITH DICKSON ROAD**

**FROM:** Manager Traffic, Depot & Building Services

**TRIM #:** 20/124063

---

### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the installation of No Stopping restrictions around the western corner of the intersection to Ingleburn Road and Dickson Road.

### BACKGROUND

Concern has been raised regarding parking along Ingleburn Road and Dickson Road particularly during church service times impeding visibility at the intersection.

### MAIN REPORT

Ingleburn Road and Dickson Road are rural roads which currently have 80 km/h speed limits. They have 8-metre-wide and 7-metre-wide sealed surfaces respectively in the vicinity of where they intersect.

St Mary Mother of God Catholic Church has reported that they have received complaints from the community of church goers parking on these road verges, impeding sight lines. The church has indicated that whilst they have advised regular attendants not to park there, formal parking restrictions would help to keep the intersection clear.

It is proposed to implement No Stopping restrictions (R5-400 signage) around the corner of the church, extending for 42 metres along Ingleburn Road and 20 metres along Dickson Road.

It is noted that these roads will be upgraded to urban specification in due course as the Leppington precinct develops. As a result of an increasing number of subdivisions in the area, Council has requested TfNSW to review the speed limits.

### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

It is proposed that that the cost of the signage be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2019/20 financial year at an approximate cost of \$900

### CONCLUSION

Following concern about vehicles parking in a manner which obstructs visibility, it is recommended that the Committee supports the installation of a combination of No Stopping restrictions.



---

## **RECOMMENDED**

The Local Traffic Committee recommends that Council approves at the intersection of Ingleburn Road and Dickson Road, Leppington:

- i. No Stopping restrictions (R5-400 signage) along the southwestern side of Ingleburn Road for 42 metres northwestwards; and
- ii. No Stopping restrictions (R5-400 signage) along the northwestern side of Dickson Road for 20 metres southwestwards.

## ATTACHMENTS

1. Ingleburn Road

Created on: 25/04/2020 3:59 PM



Camden Council  
 70 Central Ave  
 DRAM PARK NSW 2570  
 Telephone: 02 4654 7777  
 Fax: 02 4654 7822  
 Email: [mail@camden.nsw.gov.au](mailto:mail@camden.nsw.gov.au)



**Subject Site**

Ingleburn Road & Dickson Road, Leppington

Map Scale: 1:500  
 Projection: GDA94 / MGA zone 56  
 Date: 25/04/2020 3:59 PM

DISCLAIMER: This map has been prepared from Council records by the Land Information Section. If you intend to rely on this information you should have it verified first. Camden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.



## LOCAL TRAFFIC COMMITTEE

LTC09

**SUBJECT: LOCAL BEHAVIOURAL PROGRAMS**

**FROM:** Manager Traffic, Depot & Building Services

**TRIM #:** 20/121731

### PURPOSE OF REPORT

To advise the Local Traffic Committee of local behavioural campaigns being undertaken to improve road safety and community safety in the Camden Local Government Area.

### BACKGROUND

The Community and Road Safety Action Plan is developed on a yearly basis to provide direction to the Community Road Safety Officer (CRSO). Projects and programs that are implemented in the Camden Local Government Area (LGA) are developed from both research and statistical analysis undertaken.

This report outlines the progress of projects being implemented in the 2019/2020 financial year.

### MAIN REPORT

<b>Project</b>	<b>Target Issue</b>	<b>Current Status</b>
RBT Plan B Campaign	Drink Driving <i>To educate and inform the community about the dangers of drink driving, to influence responsible road safety behaviour, and to work with the Camden LAC to reduce the incidence of drink driving.</i>	The CRSO continues to work with Camden Highway Patrol and the Camden Liquor Accord on coordinated approaches to reducing the incidence of drink driving. Information continues to be distributed to licensed premises in order to get the drink drive message across to the community, however due to COVID-19 the Camden Liquor Accord has currently suspended all meetings.
Drive 2 Stay Alive – Year 11 Students	Young drivers <i>In-school program designed to provide road safety awareness to Year 11 students in Term 3 to reduce the incidence of casualty and fatality crashes in young drivers. The sessions include information about police enforcement, drug and alcohol impairment, licensing and heavy vehicle awareness.</i>	Programming has been undertaken with all participating schools as follows; <ul style="list-style-type: none"> <li>• Mount Annan Christian College – 25 August 2020;</li> <li>• Mount Annan High School – 23 September 2020;</li> <li>• Oran Park Anglican College – 24 September 2020;</li> <li>• Elizabeth Macarthur High School – 13 October 2020; and</li> <li>• Magdalene Catholic High School – 15 October 2020;</li> </ul>

Project	Target Issue	Current Status
School Safety Program	<p>Vulnerable road users, pedestrians, road users around schools</p> <p><i>Program designed to address road safety issues around schools, improve safety and education amongst road users, parents and students in school zones.</i></p>	<p>The School Safety Program continues to work on identifying and improving traffic facilities and driver behaviour around schools. Other engineering and road safety issues have been investigated and actioned as they arise, and as appropriate.</p> <p>The CRSO, Rangers and Police target as many of the local primary schools as possible on a regular basis however COVID-19 has ceased this activity for the time being.</p>
Slow Down	<p>Speed</p> <p><i>Raise awareness and reduce the incidence of speeding on local roads. Work with Camden LAC to further reduce the incidence of speeding.</i></p>	<p>50km/hr Slow Down bus shelter advertisements are still in place at identified sites throughout the LGA where the 50 km/hr general urban speed limit applies. CRSO is continuing to work with Camden LAC Traffic Section and Camden Highway Patrol to address speed complaints from residents. CRSO continues to forward any resident speed or traffic complaints to Camden LAC Traffic Services and Highway Patrol for investigation as necessary.</p> <p>A new community education campaign is in the development phase with the aim of being rolled out in the next few months</p> <p>A speed trailer program has been developed with weekly placement of the speed trailer at identified speeding hot spots on local streets.</p>
Choose Right Buckle Right	<p>Child Restraints</p> <p><i>To educate and increase awareness of the importance of correct child restraint use and fitting. To provide free child restraint fitting and checking days to the community.</i></p>	<p>The last even was held on 12 December 2019, with over 50 child restraints fitted and/or checked. The next community event was scheduled to be held on Thursday 19 March 2020, however this was cancelled due to COVID-19. Due to the lateness of cancelling this event, vouchers were offered to all residents who were booked in for this date.</p> <p>The next event is scheduled to be held on 11 June 2020, but bookings are currently not being taken and a determination on whether this event will be held will be made closer to the event date, based on current COVID-19 health advice.</p>



Project	Target Issue	Current Status
Graduated Licensing Scheme Workshops (GLS)	Parents and supervisors of learner drivers <i>Educational workshops for parents and supervisors of learner drivers, delivered to assist awareness and knowledge of the graduated licensing scheme.</i>	The GLS workshops are incorporated into the presentation given to supervisors of learner drivers at the Log Book Run events. The next presentation will be at the next Log Book Run event.
Log Book Run (LBR) – Drives for Learners In Macarthur	Young drivers <i>Increase on-road experience obtained by learner drivers and disseminate road safety messages and resources</i>	The last day Log Book Run event was held on Sunday 8 December 2019. The next day event was scheduled to be held on Sunday 22 March 2020, however this was cancelled due to COVID-19. The next event is scheduled to be held on 21 June and a decision will be made closer to the date whether this event will go ahead, dependant on current health advice.
Crime Prevention	General community safety related issues <i>Identify and introduce community safety and crime prevention programs and initiatives in the Camden LGA as appropriate.</i>	The CRSO continues to work on identifying and implementing community safety programs, audits and works as appropriate. The CRSO continues to work with the Camden Police Crime Prevention Officer to monitor and address community safety issues as they arise. Grant funding has been utilised for safety upgrade works at the Narellan Urban Forest, with the first stage of lighting now completed. The next stage of the project is now underway, with additional lighting and footpath works being installed adjacent to the Library. Hostile vehicle mitigation preventative measures are also being installed at Oran Park and Narellan Library, as part of Department of Justice grant funding.
Park Smart	Community safety, Steal from Motor Vehicle offences	This program will continue to target local shopping centre car parks, plus commuter car parks once current COVID-19 restrictions cease.
Camden Liquor Accord	Drink Driving, community safety, alcohol related issues <i>Implementing programs and educating the community to reduce the incidence of alcohol related problems, drink driving and antisocial behaviour.</i>	The CRSO continues to work through the Camden Liquor Accord to implement and address community and road safety issues related to alcohol consumption. The Liquor Accord is working on a number of community education and alcohol harm minimisation programs, to reduce alcohol related issues in the Camden LGA, however all meetings have currently been cancelled due to COVID-19.

Project	Target Issue	Current Status
Bike Safety Awareness Program	Bike safety <i>To promote safe cycling.</i>	Planning for the 2019/2020 to be undertaken in consultation with Community Planning and Development, as part of their Children's and Families program for 2020.
Seniors Safety Morning Teas	Seniors Safety <i>Partnership with Camden Police and Barnes Driving School to promote and educate regarding best practice pedestrian and personal safety and licensing conditions for older drivers</i>	Future dates for the 2019/2020 financial year are being worked on in partnership with Council's Community Project Officer – Seniors but there are no dates currently scheduled due to COVID-19.
Graffiti Education	Graffiti prevention, community safety, young people <i>To assist in the reduction of graffiti offences through early intervention education</i>	Council has committed to running this program in schools again in 2020. Programming is underway, however delivery of the program has been affected by COVID-19 and some schools may need to have the presentation rolled over into 2021.
Traffic Offenders Program	Driving offenders, speed and drink driving offenders, general road safety improvement. <i>To reduce the incidents of recidivist driving offences and to educate driving offenders to reduce re-offending.</i>	All Traffic Offenders presentations have been cancelled due to COVID-19. They are anticipated to resume once restrictions are eased.

### **FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS**

Program funding has been identified in 2019/2020 through Transport for New South Wales grant funding with a contribution from Council. The Child Restraint Fitting and Bike Education Session is funded through Council's National Families Week budget.

### **RECOMMENDED**

**The Local Traffic Committee recommends that Council receives and notes the Local Behavioural Programs report for May 2020.**



## LOCAL TRAFFIC COMMITTEE

LTC10

**SUBJECT: PERMANENT ITEMS**

**FROM:** Manager Traffic, Depot & Building Services

**TRIM #:** 20/121999

i. Bike Plan

Funding applications have been submitted for the 2020/21 Cycling Program as follows:

Location	Project
Waterworth Drive, Mount Annan - Shared path	Shared path from Narellan Road to Mount Annan Leisure Centre

Council is awaiting a funding decision from TfNSW.

ii. Pedestrian Access Mobility Plan (PAMP)

Council has accepted funding under the Safer Roads Program in 2019/20 for:

- Richardson Road, Spring Farm – Bus bay and pedestrian refuges – The detailed design is complete for this project with construction programmed for May 2020.

The design is complete for this project with construction programmed for May 2020.

Funding applications have been submitted for the 2020/21 Walking Program as follows:

Location	Project
Elyard Street, Narellan	Raised crossing between Narellan Library and Narellan Town Centre.
Cobbitty Road, Cobbitty	Pedestrian refuge with children's crossing and indented bus bays adjacent to Macarthur Anglican School.

Council is awaiting a funding decision from TfNSW.

iii. Black Spot Program / Safer Roads Program

Council has accepted funding under the Safer Roads Program in 2019/20 for:

- Holdsworth Drive, Mount Annan - Design and construction of kerb extensions on approach to Main Street – Detailed design is underway with works programmed in June 2020.
- Broughton Street, Camden - Design and construction measures including kerb extensions at Barsden Street – Detailed design in complete with works programmed in April / May 2020.

Funding applications have been submitted for the 2020/21 Programs as follows:

Location	Project
The Northern Road / Bringelly Road, Bringelly	Improving alignment of lanes at traffic signals on the residual section of road being handed to Council on completion of the upgrade.
Welling Drive / Waterworth Drive / Main Street, Mount Annan	Improving deflection angle on Main Street and re-vegetating island to improve sightlines.

Council have been advised that these applications have been not approved for funding for the 2020/21 programs.

These locations will be examined in more detail in coming months and appropriate treatments identified and costed. If the treatments prove eligible for Black Spot / Safer Roads funding in the future, Council may choose to submit application for the next round of assessments.

iv. Upcoming Major Road Works / Events involving Public Roads

Works / Event (Proponent)	Location	Program
Bringelly Road Upgrade – Stages 1 and 2 (TfNSW)	Bringelly Road	Ongoing
The Northern Road Upgrade – Stages 2 (TfNSW)	The Northern Road	Ongoing
Oran Park Drive / Harrington Parkway – traffic lights installation (Developer)	Oran Park	September 2019 to May 2020
Macquarie Grove Road - Reseal and Bus Stop	Near Sutton Avenue, Kirkham	March – May 2020
Lodges Road / Irvine Street - Roundabout	Elderslie	May – June 2020
Werombi Road – Reconstruction	Near Ferguson Lane, Grasmere	March – April 2020

**RECOMMENDED**

**The Local Traffic Committee recommends that Council receives and notes the Permanent Items report for May 2020.**



## LOCAL TRAFFIC COMMITTEE

**LTC11**

**SUBJECT: GLEDWOOD HILLS DRIVE, GLEDWOOD HILLS, SIGNAGE, LINEMARKING AND DEVICES**

**FROM:** Manager Traffic, Depot & Building Services

**TRIM #:** 20/113596

**ELECTRONIC MEETING ITEM DATE: 31 January 2020**

### PURPOSE OF REPORT

To document approval previously provided by the Local Traffic Committee through an Electronic Meeting for signage and linemarking plans associated with a subdivision of Gledswood Hills, Stage 5.

### MAIN REPORT

Signage and line marking plans have been received by Council for the construction of new roads associated with a subdivision of Gledswood Hills, Stage 5. The Location is highlighted on **Attachment 1**. This relates to the Development Application number: DA/2019/270/1.

The Engineering Drawing No. 701, Rev.3, 702, Rev.3 and 703, Rev.3 (Project no. X14150.005) prepared by Calibre Consulting provides details of the proposed signage and line marking (**Attachments 2**). The plans are considered to be in accordance with Austroads, Australian Standards and RMS supplements for the placement of regulatory signage and line marking and it is recommended that LTC supports the proposed measures.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee
2020/12	<p>The Local Traffic Committee recommends that Council approves the regulatory signs and line marking associated with the subdivision of Gledswood Hills, Stage 5 as shown on the Engineering Drawing No. 701, Rev.3, 702, Rev.3 and 703, Rev.3 (Project no. X14150.005) subject to:</p> <ul style="list-style-type: none"> <li>i. The installation being completed by the applicant at its cost;</li> <li>ii. All signage being sign size A;</li> <li>iii. Street lighting levels for intersection and devices being in accordance with Australian Standard AS/NZS 1158, subject to further Council approval of the lighting design; and</li> <li>iv. Speed limit zone signage being referred to Transport NSW (formally RMS) for approval.</li> </ul>

This recommendation was supported unanimously by the four voting members.

This recommendation has been resolved by a Council Officer under Delegated Authority.

---

**RECOMMENDED**

**That Council receives and notes the report on Gledswood Hills Drive, Gledswood Hills – Signage, Linemarking and Devices.**

**ATTACHMENTS**

1. Attachment 1 - Location - Subdivision of Gledswood Hills Stage 5
2. Attachment 2 - Engineering Drawing of proposed Signage and Linemarking

LTC11

Attachment 1



# GLEDWOOD HILLS STAGE 5 ROAD & DRAINAGE DESIGN

## FOR CONSTRUCTION CERTIFICATE



LOCALITY PLAN  
N:1:1

**LGA CAMDEN COUNCIL**  
LOT 41 D.P.124.7205  
LOT 501 D.P.1198628  
DA2019/270

CLIENT:

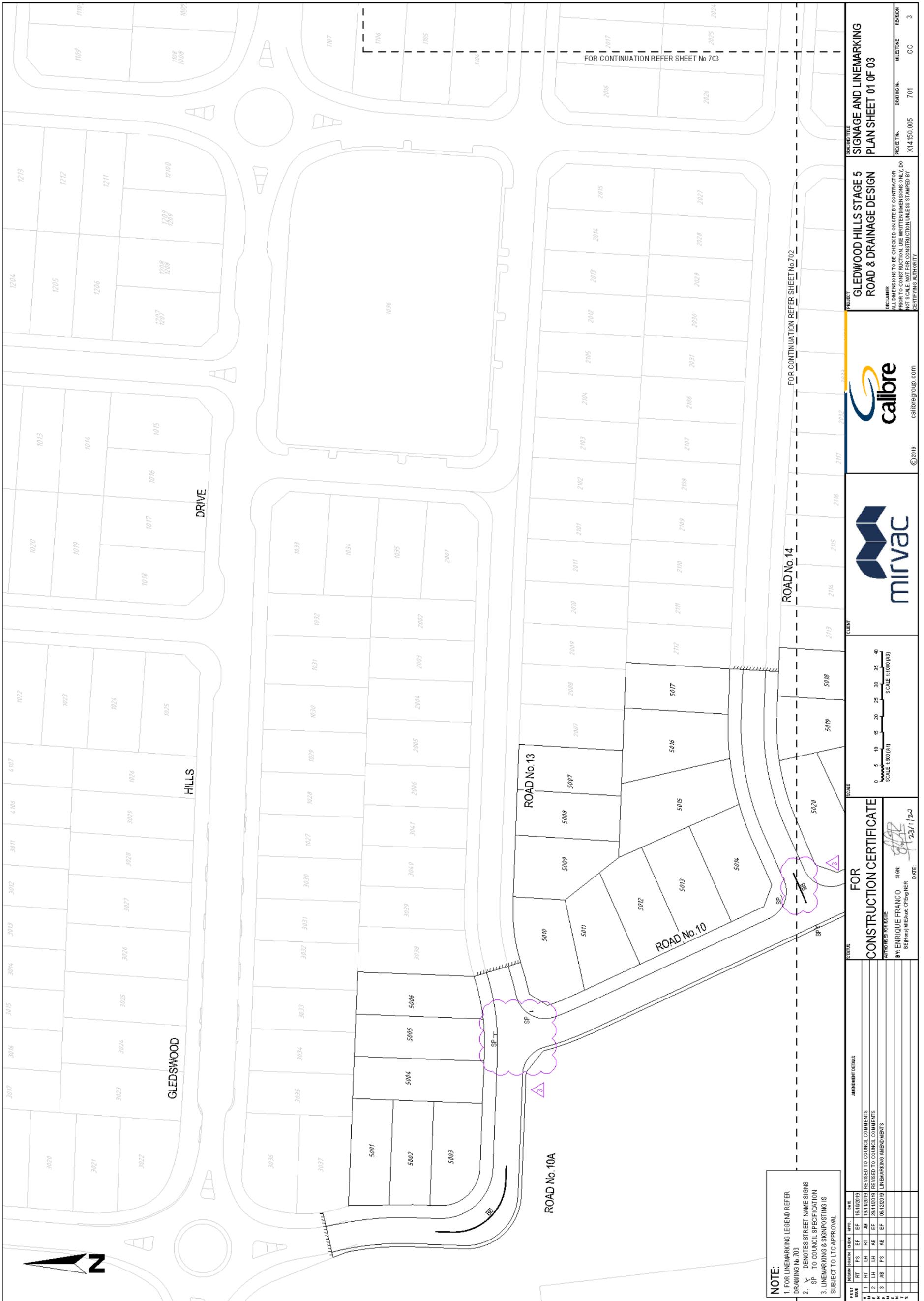


### DRAWING LIST

No.	DRAWING TITLE
001	GENERAL
002	GENERAL SITE PLAN
003	GENERAL SITE PLAN
004	GENERAL SITE PLAN
005	GENERAL SITE PLAN
006	GENERAL SITE PLAN
007	GENERAL SITE PLAN
008	GENERAL SITE PLAN
009	GENERAL SITE PLAN
010	GENERAL SITE PLAN
011	GENERAL SITE PLAN
012	GENERAL SITE PLAN
013	GENERAL SITE PLAN
014	GENERAL SITE PLAN
015	GENERAL SITE PLAN
016	GENERAL SITE PLAN
017	GENERAL SITE PLAN
018	GENERAL SITE PLAN
019	GENERAL SITE PLAN
020	GENERAL SITE PLAN
021	GENERAL SITE PLAN
022	GENERAL SITE PLAN
023	GENERAL SITE PLAN
024	GENERAL SITE PLAN
025	GENERAL SITE PLAN
026	GENERAL SITE PLAN
027	GENERAL SITE PLAN
028	GENERAL SITE PLAN
029	GENERAL SITE PLAN
030	GENERAL SITE PLAN
031	GENERAL SITE PLAN
032	GENERAL SITE PLAN
033	GENERAL SITE PLAN
034	GENERAL SITE PLAN
035	GENERAL SITE PLAN
036	GENERAL SITE PLAN
037	GENERAL SITE PLAN
038	GENERAL SITE PLAN
039	GENERAL SITE PLAN
040	GENERAL SITE PLAN
041	GENERAL SITE PLAN
042	GENERAL SITE PLAN
043	GENERAL SITE PLAN
044	GENERAL SITE PLAN
045	GENERAL SITE PLAN
046	GENERAL SITE PLAN
047	GENERAL SITE PLAN
048	GENERAL SITE PLAN
049	GENERAL SITE PLAN
050	GENERAL SITE PLAN
051	GENERAL SITE PLAN
052	GENERAL SITE PLAN
053	GENERAL SITE PLAN
054	GENERAL SITE PLAN
055	GENERAL SITE PLAN
056	GENERAL SITE PLAN
057	GENERAL SITE PLAN
058	GENERAL SITE PLAN
059	GENERAL SITE PLAN
060	GENERAL SITE PLAN
061	GENERAL SITE PLAN
062	GENERAL SITE PLAN
063	GENERAL SITE PLAN
064	GENERAL SITE PLAN
065	GENERAL SITE PLAN
066	GENERAL SITE PLAN
067	GENERAL SITE PLAN
068	GENERAL SITE PLAN
069	GENERAL SITE PLAN
070	GENERAL SITE PLAN
071	GENERAL SITE PLAN
072	GENERAL SITE PLAN
073	GENERAL SITE PLAN
074	GENERAL SITE PLAN
075	GENERAL SITE PLAN
076	GENERAL SITE PLAN
077	GENERAL SITE PLAN
078	GENERAL SITE PLAN
079	GENERAL SITE PLAN
080	GENERAL SITE PLAN
081	GENERAL SITE PLAN
082	GENERAL SITE PLAN
083	GENERAL SITE PLAN
084	GENERAL SITE PLAN
085	GENERAL SITE PLAN
086	GENERAL SITE PLAN
087	GENERAL SITE PLAN
088	GENERAL SITE PLAN
089	GENERAL SITE PLAN
090	GENERAL SITE PLAN
091	GENERAL SITE PLAN
092	GENERAL SITE PLAN
093	GENERAL SITE PLAN
094	GENERAL SITE PLAN
095	GENERAL SITE PLAN
096	GENERAL SITE PLAN
097	GENERAL SITE PLAN
098	GENERAL SITE PLAN
099	GENERAL SITE PLAN
100	GENERAL SITE PLAN

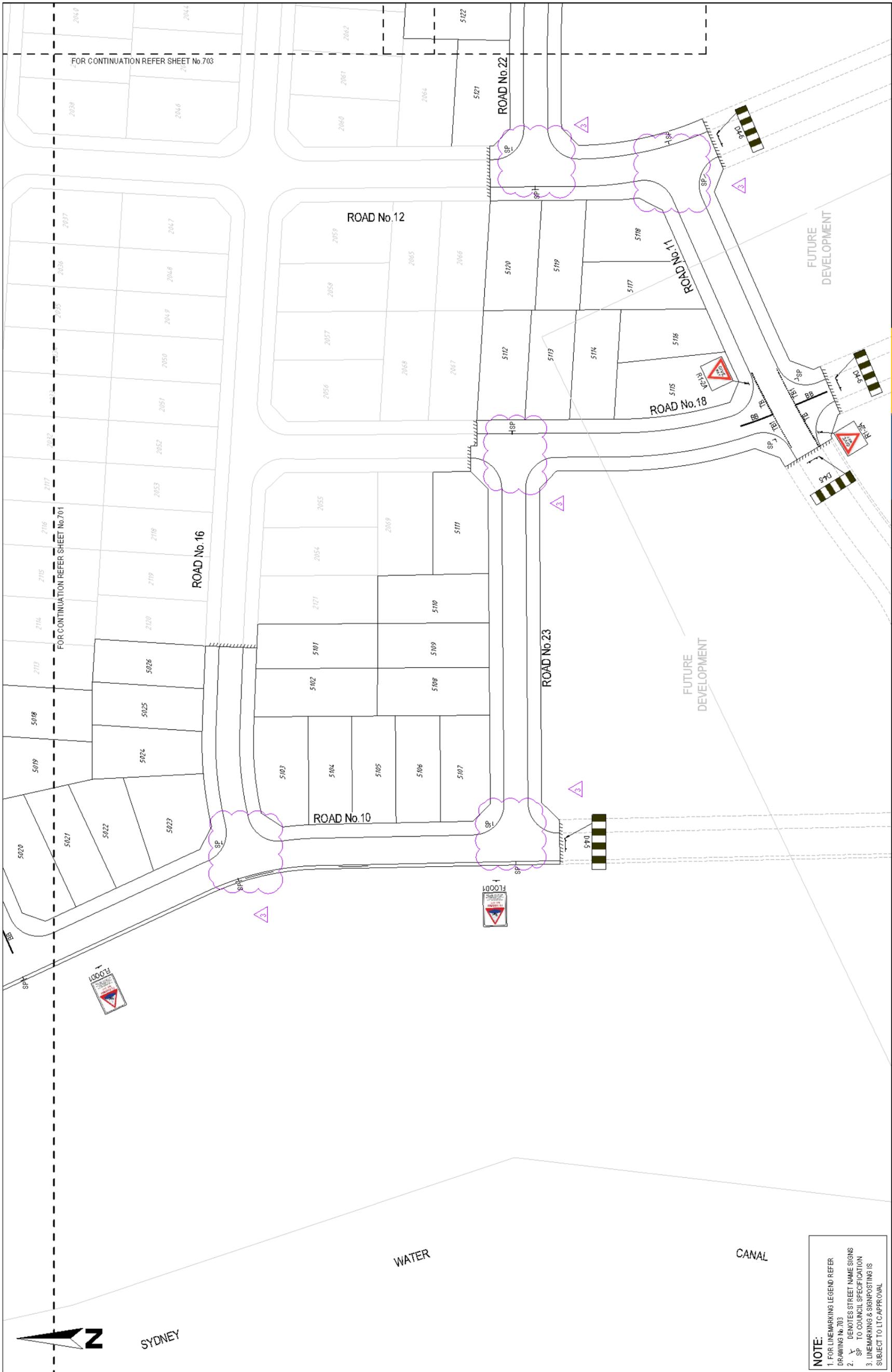
GLEDWOOD HILLS STAGE 5  
ROAD & DRAINAGE DESIGN

PROJECT:	X14190.005	SCALE:	05	SHEET NO.:	000	TOTAL SHEETS:	3
DATE:	06/12/2019	DESIGNER:	CC	CHECKER:		APPROVED:	



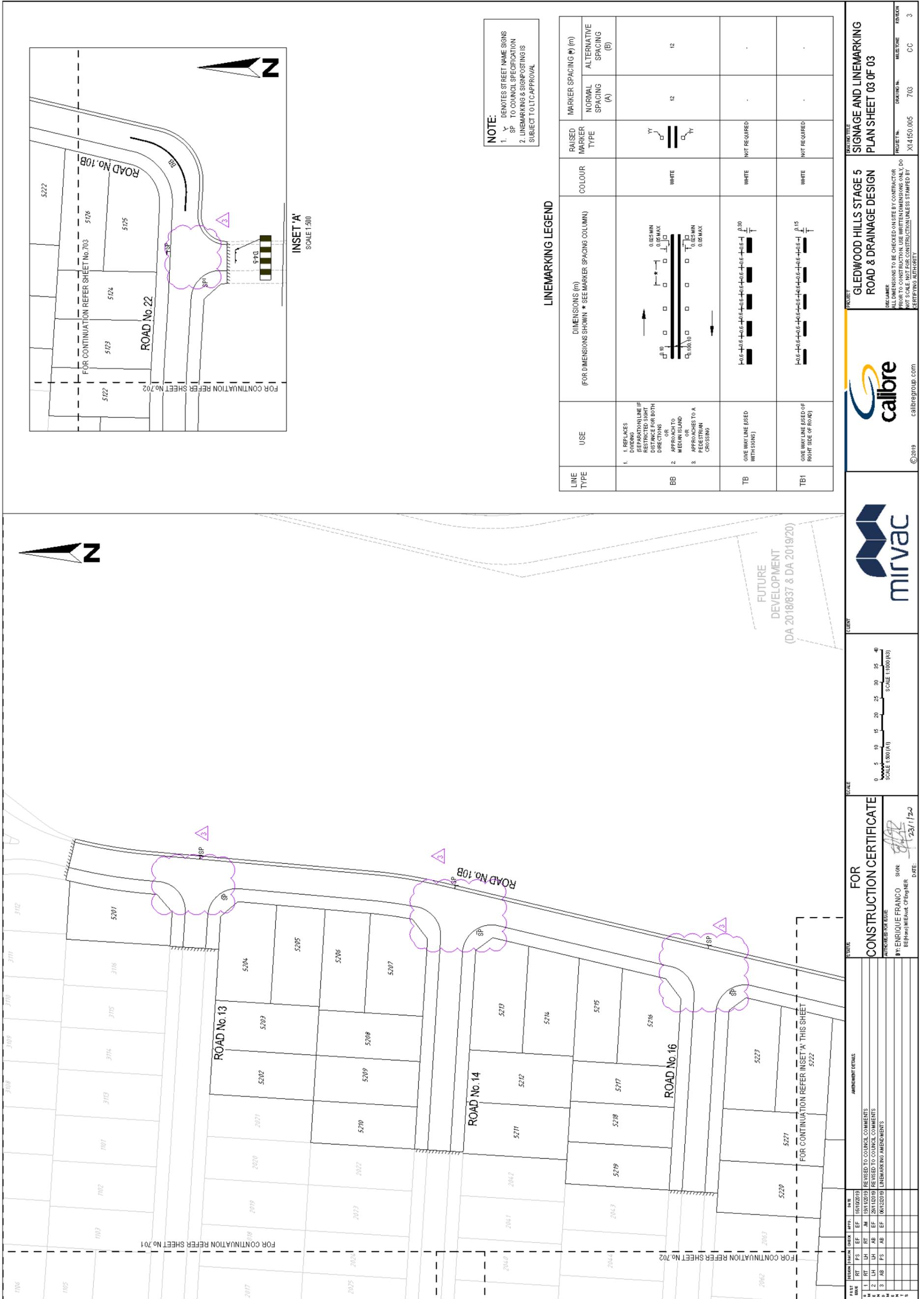
**NOTE:**  
 1. FOR LINEMARKING LEGEND REFER DRAWING No. 703  
 2. DENOTES STREET NAME SIGNS SP TO COUNCIL SPECIFICATION  
 3. LINEMARKING & SIGNPOSTING IS SUBJECT TO LTC APPROVAL

<b>FOR CONSTRUCTION CERTIFICATE</b> AUTHORIZED FOR ISSUE BY: ENRIQUE FRANCO BE(Hong) MIE(Aust) CP(Engineer) DATE: 12/31/2020						<b>PROJECT TITLE</b> SIGNAGE AND LINEMARKING PLAN SHEET 01 OF 03	
SCALE 0 5 10 15 20 25 30 35 40 SCALE 1:300 (A1) SCALE 1:1000 (A3)		PROJECT NO. X14150.005		DRAWING NO. 701		REVISION MILESTONE 0.C 3	
ROAD No. 10 ROAD No. 13 ROAD No. 14 ROAD No. 10A		DRIVE HILLS GLEDWOOD		1020 1019 1018 1017 1016 1015 1014 1013 1204 1205 1206 1207 1208 1209 1210 1211 1212 1213 1036 1035 1034 1033 1032 1031 1030 1029 1028 1027 1026 1025 1024 1023 1022 1021 1020 1036 1035 1034 1033 1032 1031 1030 1029 1028 1027 1026 1025 1024 1023 1022 1021 1020 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 2817 2818 2819 2820 2821 2822 2823 2824 2825 2826 2827 2828 2829 2830 2831 2832 2833 2834 2835 2836 2837 2838 2839 2840 2841 2842 2843 2844 2845 2846 2847 2848 2849 2850 2851 2852 2853 2854 2855 2856 2857 2858 2859 2860 2861 2862 2863 2864 2865 2866 2867 2868 2869 2870 2871 2872 2873 2874 2875 2876 2877 2878 2879 2880 2881 2882 2883 2884 2885 2886 2887 2888 2889 2890 2891 2892 2893 2894 2895 2896 2897 2898 2899 2900 2901 2902 2903 2904 2905 2906 2907 2908 2909 2910 2911 2912 2913 2914 2915 2916 2917 2918 2919 2920 2921 2922 2923 2924 2925 2926 2927 2928 2929 2930 2931 2932 2933 2934 2935 2936 2937 2938 2939 2940 2941 2942 2943 2944 2945 2946 2947 2948 2949 2950 2951 2952 2953 2954 2955 2956 2957 2958 2959 2960 2961 2962 2963 2964 2965 2966 2967 2968 2969 2970 2971 2972 2973 2974 2975 2976 2977 2978 2979 2980 2981 2982 2983 2984 2985 2986 2987 2988 2989 2990 2991 2992 2993 2994 2995 2996 2997 2998 2999 3000 3001 3002 3003 3004 3005 3006 3007 3008 3009 3010 3011 3012 3013 3014 3015 3016 3017 3018 3019 3020 3021 3022 3023 3024 3025 3026 3027 3028 3029 3030 3031 3032 3033 3034 3035 3036 3037 3038 3039 3040 3041 3042 3043 3044 3045 3046 3047 3048 3049 3050 3051 3052 3053 3054 3055 3056 3057 3058 3059 3060 3061 3062 3063 3064 3065 3066 3067 3068 3069 3070 3071 3072 3073 3074 3075 3076 3077 3078 3079 3080 3081 3082 3083 3084 3085 3086 3087 3088 3089 3090 3091 3092 3093 3094 3095 3096 3097 3098 3099 3100 3101 3102 3103 3104 3105 3106 3107 3108 3109 3110 3111 3112 3113 3114 3115 3116 3117 3118 3119 3120 3121 3122 3123 3124 3125 3126 3127 3128 3129 3130 3131 3132 3133 3134 3135 3136 3137 3138 3139 3140 3141 3142 3143 3144 3145 3146 3147 3148 3149 3150 3151 3152 3153 3154 3155 3156 3157 3158 3159 3160 3161 3162 3163 3164 3165 3166 3167 3168 3169 3170 3171 3172 3173 3174 3175 3176 3177 3178 3179 3180 3181 3182 3183 3184 3185 3186 3187 3188 3189 3190 3191 3192 3193 3194 3195 3196 3197 3198 3199 3200 3201 3202 3203 3204 3205 3206 3207 3208 3209 3210 3211 3212 3213 3214 3215 3216 3217 3218 3219 3220 3221 3222 3223 3224 3225 3226 3227 3228 3229 3230 3231 3232 3233 3234 3235 3236 3237 3238 3239 3240 3241 3242 3243 3244 3245 3246 3247 3248 3249 3250 3251 3252 3253 3254 3255 3256 3257 3258 3259 3260 3261 3262 3263 3264 3265 3266 3267 3268 3269 3270 3271 3272 3273 3274 3275 3276 3277 3278 3279 3280 3281 3282 3283 3284 3285 3286 3287 3288 3289 3290 3291 3292 3293 3294 3295 3296 3297 3298 3299 3300 3301 3302 3303 3304 3305 3306 3307 3308 3309 3310 3311 3312 3313 3314 3315 3316 3317 3318 3319 3320 3321 3322 3323 3324 3325 3326 3327 3328 3329 3330 3331 3332 3333 3334 3335 3336 3337 3338 3339 3340 3341 3342 3343 3344 3345 3346 3347 3348 3349 3350 3351 3352 3353 3354 3355 3356 3357 3358 3359 3360 3361 3362 3363 3364 3365 3366 3367 3368 3369 3370 3371 3372 3373 3374 3375 3376 3377 3378 3379 3380 3381 3382 3383 3384 3385 3386 3387 3388 3389 3390 3391 3392 3393 3394 3395 3396 3397 3398 3399 3400 3401 3402 3403 3404 3405 3406 3407 3408 3409 3410 3411 3412 3413 3414 3415 3416 3417 3418 3419 3420 3421 3422 3423 3424 3425 3426 3427 3428 3429 3430 3431 3432 3433 3434 3435 3436 3437 3438 3439 3440 3441 3442 3443 3444 3445 3446 3447 3448 3449 3450 3451 3452 3453 3454 3455 3456 3457 3458 3459 3460 3461 3462 3463 3464 3465 3466 3467 3468 3469 3470 3471 3472 3473 3474 3475 3476 3477 3478 3479 3480 3481 3482 3483 3484 3485 3486 3487 3488 3489 3490 3491 3492 3493 3494 3495 3496 3497 3498 3499 3500 3501 3502 3503 3504 3505 3506 3507 3508 3509 3510 3511 3512 3513 3514 3515 3516 3517 3518 3519 3520 3521 3522 3523 3524 3525 3526 3527 3528 3529 3530 3531 3532 3533 3534 3535 3536 3537 3538 3539 3540 3541 3542 3543 3544 3545 3546 3547 3548 3549 3550 3551 3552 3553 3554 3555 3556 3557 3558 3559 3560 3561 3562 3563 3564 3565 3566 3567 3568 3569 3570 3571 3572 3573 3574 3575 3576 3577 3578 3579 3580 3581 3582 3583 3584 3585 3586 3587 3588 3589 3590 3591 3592 3593 3594 3595 3596 3597 3598 3599 3600 3601 3602 3603 3604 3605 3606 3607 3608 3609 3610 3611 3612 3613 3614 3615 3616 3617 3618 3619 3620 3621 3622 3623 3624 3625 3626 3627 3628 3629 3630 3631 3632 3633 3634 3635 3636 3637 3638 3639 3640 3641 3642 3643 3644 3645 3646 3647 3648 3649 3650 3651 3652 3653 3654 3655 3656 3657 3658 3659 3660 3661 3662 3663 3664 3665 3666 3667 3668 3669 3670 3671 3672 3673 3674 3675 3676 3677 3678 3679 3680 3681 3682 3683 3684 3685 3686 3687 3688 3689 3690 3691 3692 3693 3694 3695 3696 3697 3698 3699 3700 3701 3702 3703 3704 3705 3706 3707 3708 3709 3710 3711 3712 3713 3714 3715 3716 3717 3718 3719 3720 3721 3722 3723 3724 3725 3726 3727 3728 3729 3730 3731 3732 3733 3734 3735 3736 3737 3738 3739 3740 3741 3742 3743 3744 3745 3746 3747 3748 3749 3750 3751 3752 3753 3754 3755 3756 3757 3758 3759 3760 3761 3762 3763 3764 3765 3766 3767 3768 3769 3770 3771 3772 3773 3774 3775 3776 3777 3778 3779 3780 3781 3782 3783 3784 3785 3786 3787 3788 3789 3790 3791 3792 3793 3794 3795 3796 3797 3798 3799 3800 3801 3802 3803 3804 3805 3806 3807 3808 3809 3810 3811 3812 3813 3814 3815 3816 3817 3818 3819 3820 3821 3822 3823 3824 3825 3826 3827 3828 3829 3830 3831 3832 3833 3834 3835 3836 3837 3838 3839 3840 3841 3842 3843 3844 3845 3846 3847 3848 3849 3850 3851 3852 3853 3854 3855 3856 3857 3858 3859 3860 3861 3862 3863 3864 3865 3866 3867 3868 3869 3870 3871 3872 3873 3874 3875 3876 3877 3878 3879 3880 3881 3882 3883 3884 3885 3886 3887 3888 3889 3890 3891 3892 3893 3894 3895 3896 3897 3898 3899 3900 3901 3902 3903 3904 3905 3906 3907 3908 3909 3910 3911 3912 3913 3914 3915 3916 3917 3918 3919 3920 3921 3922 3923 3924 3925 3926 3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3946 3947 3948 3949 3950 3951 3952 3953 3954 3955 3956 3957 3958 3959 3960 3961 3962 3963 3964 3965 3966 3967 3968 3969 3970 3971 3972 3973 3974 3975 3976 3977 3978 3979 3980 3981 3982 3983 3984 3985 3986 3987 3988 3989 3990 3991 3992 3993 3994 3995 3996 3997 3998 3999 4000 4001 4002 4003 4004 4005 4006 4007 4008 4009 4010 4011 4012 4013 4014 4015 4016 4017 4018 4019 4020 4021 4022 4023 4024 4025 4026 4027 4028 4029 4030 4031 4032 4033 4034 4035 4036 4037 4038 4039 4040 4041 4042 4043 4044 4045 4046 4047 4048 4049 4050 4051 4052 4053 4054 4055 4056 4057 4058 4059 4060 4061 4062 4063 4064 4065 4066 4067 4068 4069 4070 4071 4072 4073 4074 4075 4076 4077 4078 4079 4080 4081 4082 4083 4084 4085 4086 4087 4088 4089 4090 4091 4092 4093 4094 4095 4096 4097 4098 4099 4100 4101 4102 4103 4104 4105 4106 4107 4108 4109 4110 4111 4112 4113 4114 4115 4116 4117 4118 4119 4120 4121 4122 4123 4124 4125 4126 4127 4128 4129 4130 4131 4132 4133 4134 4135 4136 4137 4138 4139 4140 4141 4142 4143 4144 4145 4146 4147 4148 4149 4150 4151 4152 4153 4154 4155 4156 4157 4158 4159 4160 4161 4162 4163 4164 4165 4166 4167 4168 4169 4170 4171 4172 4173 4174 4175 4176 4177 4178 4179 4180 4181 4182 4183 4184 4185 4186 4187 4188 4189 4190 4191 4192 4193 4194 4195 4196 4197 4198 4199 4200 4201 4202 4203 4204 4205 4206 4207 4208 4209 4210 4211 4212 4213 4214 4215 4216 4217 4218 4219 4220 4221 4222 4223 4224 4225 4226 4227 4228 4229 4230 4231 4232 4233 4234 4235 4236 4237 4238 4239 4240 4241 4242 4243 42			

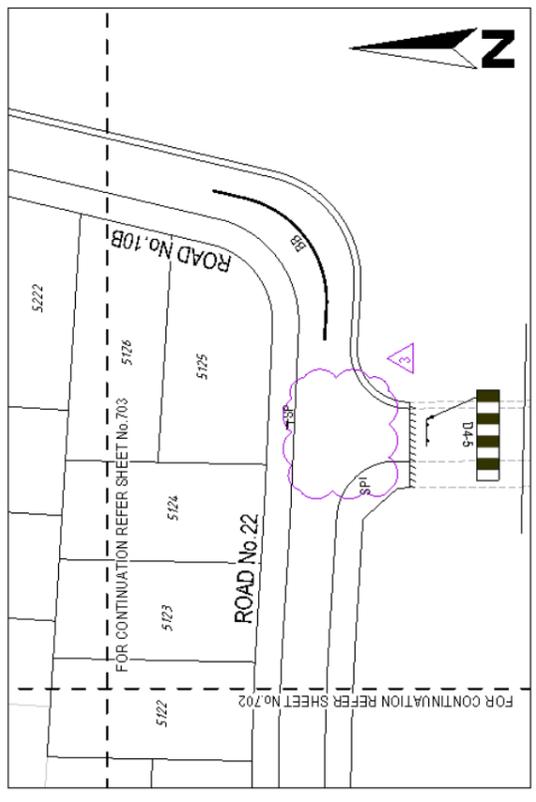


**NOTE:**  
 1. FOR LINEMARKING LEGEND REFER DRAWING No. 703  
 2. V DENOTES STREET NAME SIGNS  
 3. SP TO COUNCIL SPECIFICATION  
 3. LINEMARKING & SIGNPOSTING IS SUBJECT TO LTC APPROVAL

<b>FOR CONSTRUCTION CERTIFICATE</b> AUTHORIZED FOR ISSUE BY: ENRIQUE FRANCO, SIGN (Professional Engineer) DATE: 23/1/20		<b>CLIENT</b> 		<b>PROJECT</b> GLEDWOOD HILLS STAGE 5 ROAD & DRAINAGE DESIGN PLAN SHEET 02 OF 03																									
SCALE 0 5 10 15 20 25 30 35 40 SCALE 1:500 (A1) SCALE 1:1000 (A3)				PROJECT NO: X14/150/005 DRAWING NO: 702 DATE: 03 REVISION: 3																									
<b>REVISIONS</b> <table border="1"> <thead> <tr> <th>NO</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>16/10/2019</td> <td>EF</td> </tr> <tr> <td>2</td> <td>28/11/2019</td> <td>EF</td> </tr> <tr> <td>3</td> <td>08/12/2019</td> <td>EF</td> </tr> </tbody> </table>		NO	DATE	DESCRIPTION	1	16/10/2019	EF	2	28/11/2019	EF	3	08/12/2019	EF	<b>APPROVALS</b> <table border="1"> <thead> <tr> <th>NO</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>16/10/2019</td> <td>EF</td> </tr> <tr> <td>2</td> <td>28/11/2019</td> <td>EF</td> </tr> <tr> <td>3</td> <td>08/12/2019</td> <td>EF</td> </tr> </tbody> </table>		NO	DATE	DESCRIPTION	1	16/10/2019	EF	2	28/11/2019	EF	3	08/12/2019	EF	ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE. NOT FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY.	
NO	DATE	DESCRIPTION																											
1	16/10/2019	EF																											
2	28/11/2019	EF																											
3	08/12/2019	EF																											
NO	DATE	DESCRIPTION																											
1	16/10/2019	EF																											
2	28/11/2019	EF																											
3	08/12/2019	EF																											



**NOTE:**  
 1. Y DENOTES STREET NAME SIGNS  
 2. SP TO COUNCIL SPECIFICATION  
 3. LINEMARKING & SIGNPOSTING IS SUBJECT TO LTC APPROVAL



**LINEMARKING LEGEND**

LINE TYPE	USE	DIMENSIONS (m) (FOR DIMENSIONS SHOWN * SEE MARKER SPACING COLUMN)	COLOUR	RAISED MARKER TYPE	MARKER SPACING # (m)	
					NORMAL SPACING (A)	ALTERNATIVE SPACING (B)
BB	1. REPLACES DIVIDING SEPARATION LINE IF RESTRICTED SIGHT OPERATIONS FOR BOTH DIRECTIONS OR 2. APPROACH TO A MEDIUM ISLAND OR 3. APPROACHES TO A PEDESTRIAN CROSSING		WHITE		12	12
TB	GIVE INWAY LINE (USED WITH SIGNS)		WHITE	NOT REQUIRED		
TB1	GIVE INWAY LINE (USED OF RIGHT SIDE OF ROAD)		WHITE	NOT REQUIRED		

**FOR CONSTRUCTION CERTIFICATE**

**PROJECT TITLE:** GLEDWOOD HILLS STAGE 5 ROAD & DRAINAGE DESIGN  
**PLAN SHEET 03 OF 03**

**PROJECT NO.:** X14150.005  
**DRAWING NO.:** 703  
**REVISION:** 3

**SCALE:** 1:300 (A1)  
 0 5 10 15 20 25 30 35 40  
 SCALE 1:1000 (A3)

**DATE:** 17/23/17

**BY:** ENRIQUE FRANCO  
 BE (Eng) MIE Aust. CP Enginer

**DATE:** 17/23/17

**APPROVED FOR ISSUE:**

**AMENDMENT DETAILS:**

REV	DATE	DESCRIPTION
1	16/10/2019	REVIS TO COUNCIL COMMENTS
2	20/10/2019	REVIS TO COUNCIL COMMENTS
3	06/12/2019	LINEMARKING AMENDMENTS

**CLIENT:** mirvac

**DESIGNER:** callibre

**PROJECT:** GLEDWOOD HILLS STAGE 5 ROAD & DRAINAGE DESIGN

**SCALE:** 1:300 (A1)

**DATE:** 17/23/17



## LOCAL TRAFFIC COMMITTEE

**LTC12**

**SUBJECT: MITCHELL STREET, JOHN STREET AND EXETER STREET, CAMDEN - WEETBIX KIDS TRYATHLON SPECIAL EVENT TRANSPORT MANAGEMENT PLAN**

**FROM:** Manager Traffic, Depot & Building Services

**TRIM #:** 20/113740

**ELECTRONIC MEETING ITEM DATE: 7 February 2020**

### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the closure of streets in the Camden CBD to conduct the Sanitarium Weet-Bix Kids TRYathlon.

### MAIN REPORT

Council has received an application to conduct the Sanitarium Weet-Bix Kids TRYathlon which proposes road closures as part of the event. The event is conducted to inspire children to get active, where the emphasis is on enjoying the experience of training, participating and completion rather than competition.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee
2020/13	<p>The Local Traffic Committee recommends that Council gives concurrence for the Sanitarium Weet-Bix Kids TRYathlon on Sunday, 1 March 2020 from 6am to 2.30pm, as per the certified Traffic Control Plan incorporating:</p> <ul style="list-style-type: none"> <li>• Full closure of Mitchell Street between John Street and Camden Pool</li> <li>• Full closure of John Street between Mitchell Street and Exeter Street</li> <li>• Full closure of Exeter Street between Macquarie Grove Road and BEP</li> </ul> <p>This approval is subject to the following conditions:</p> <ol style="list-style-type: none"> <li>a. The event is classified as a Class 2 event under the TfNSW Guide to Traffic and Transport Management for Special Events;</li> <li>b. Traffic management arrangements shall be implemented in accordance with the approved Special Event Transport Management Plan;</li> <li>c. Traffic controllers shall be accredited by TfNSW and be in position at all times as indicated in the Traffic Control Plans;</li> <li>d. The organisers providing proof of a minimum \$20 million Public Liability Insurance Policy noting Camden Council as an interested party;</li> <li>e. The organisers shall obtain NSW Police concurrence to the Special Event Approval;</li> <li>f. The organisers shall maintain access for emergency vehicles along the closed road sections;</li> <li>g. The organisers shall advertise the road closure in the local papers a minimum of 28 days prior to the event and erect on street</li> </ol>



	<p>signage advising of the closure a minimum of 7 days prior to the event;</p> <p>h. The organisers shall advise about the traffic management operations, in writing, to businesses along the closed road sections, local bus companies and Camden Wollondilly Cabs;</p> <p>i. The organisers securing any other necessary consents as advised by Council; and</p> <p>j. The organisers provide a disestablishment plan for the removal of all temporary signage within 24 hours of the event completion.</p>
--	---

This recommendation was supported unanimously by the four voting members.

This recommendation has been resolved by a Council Officer under Delegated Authority.

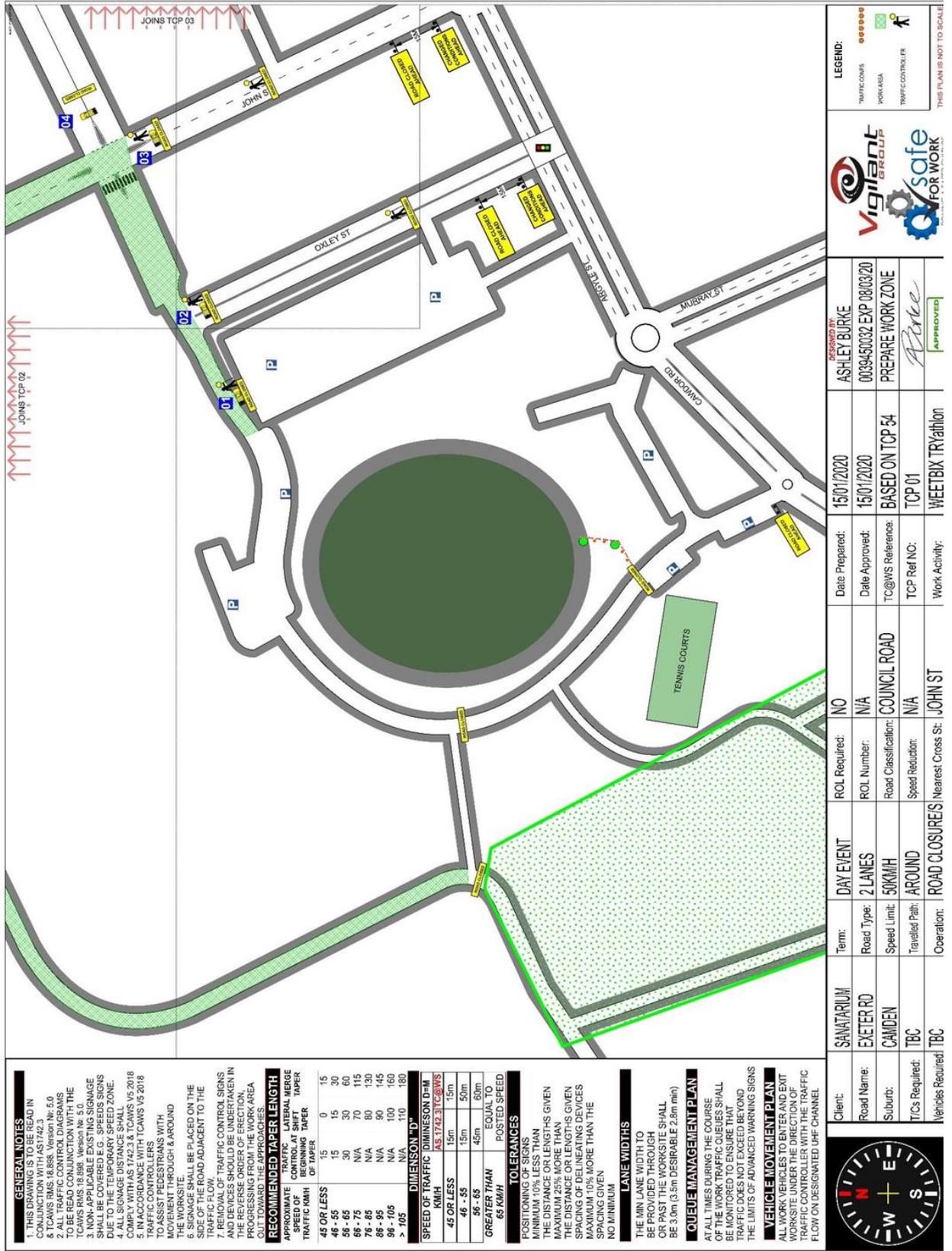
### **RECOMMENDED**

**That Council receives and notes the report on Mitchell Street, John Street and Exeter Street, Camden - Weetbix Kids TRYathlon Special Event Transport Management Plan.**

### ATTACHMENTS

1. Attachment 1 - Provides details of the proposed Traffic Control Plan.





**GENERAL NOTES**

- THIS PLAN IS TO BE USED IN CONJUNCTION WITH AS1742.3 & TCAMS RMS 18.888, Version No. 5.0
- ALL TRAFFIC CONTROL DIAGRAMS TO BE READ CONJUNCTION WITH THE TRAFFIC CONTROL PLAN
- TRAFFIC CONTROL SIGNS, SPEEDS AND APPLICABLE WARNING SIGNS SHALL BE COVERED E.G. SPEEDS SIGNS DUE TO THE TEMPORARY SPEED ZONE.
- ALL SIGNAGE DISTANCE SHALL COMPLY WITH AS 1742.3 & TCAMS V5.2018
- TRAFFIC CONTROL SIGNS TO ASSIST PEDESTRIANS WITH MOVEMENT THROUGH & AROUND THE WORKSITE.
- SIGNAGE SHALL BE PLACED ON THE SIDE OF ROAD ADJACENT TO THE DIRECTION OF TRAFFIC FLOW.
- REMOVAL OF TRAFFIC CONTROL SIGNS AND DEVICES SHOULD BE UNDERTAKEN IN THE REVERSE ORDER OF ERECTION, PROGRESSING FROM THE WORK AREA TO THE MAIN ROAD.

**RECOMMENDED TAPER LENGTH**

TRAFFIC KMH	RECOMMENDED TAPER LENGTH (M)
45 OR LESS	15
46 - 55	0
56 - 65	15
66 - 75	30
76 - 85	N/A
86 - 95	70
96 - 105	110
> 105	150

**RECOMMENDED TAPER LENGTH**

TRAFFIC KMH	RECOMMENDED TAPER LENGTH (M)
45 OR LESS	15
46 - 55	0
56 - 65	15
66 - 75	30
76 - 85	N/A
86 - 95	70
96 - 105	110
> 105	150

**SPEED OF TRAFFIC DIMENSION D=M**

KMH	AS 1742.3 TC@WS
45 OR LESS	15m
46 - 55	15m
56 - 65	15m
66 - 75	15m
76 - 85	15m
86 - 95	15m
96 - 105	15m
> 105	15m

**TOLERANCES**

POSITIONING OF SIGNS  
 MINIMUM 10% LESS THAN THE DISTANCE OR LENGTHS GIVEN  
 MAXIMUM 25% MORE THAN THE DISTANCE OR LENGTHS GIVEN

SPACING OF DELINEATING DEVICES  
 MINIMUM 10% MORE THAN THE SPACING GIVEN  
 NO MINIMUM

**LANE WIDTHS**

THE MIN LANE WIDTH TO BE MAINTAINED THROUGHOUT THE WORKSITE SHALL BE 3.0m (3.5m DESIRABLE 2.8m min)

**QUEUE MANAGEMENT PLAN**

AT ALL TIMES DURING THE COURSE OF THE WORK TRAFFIC QUEUES SHALL BE MONITORED TO ENSURE THAT TRAFFIC DOES NOT EXCEED BEYOND THE LIMITS OF ADVANCED WARNING SIGNS

**VEHICLE MOVEMENT PLAN**

ALL WORK VEHICLES TO ENTER AND EXIT WORKSITE UNDER THE DIRECTION OF TRAFFIC CONTROLLER WITH THE TRAFFIC FLOW ON DESIGNATED UHF CHANNEL



Client:	SANATARIUM	Term:	DAY EVENT	ROL Required:	NO	Date Prepared:	15/01/2020
Road Name:	EXETER RD	Road Type:	2 LANES	ROL Number:	N/A	Date Approved:	15/01/2020
Suburb:	CAMDEN	Speed Limit:	50KMH	Road Classification:	COUNCIL ROAD	TC@WS Reference:	BASED ON TCP 54
TICs Required:	TBC	Travelled Path:	AROUND	Speed Reduction:	N/A	TCP Ref NO:	TCP 01
Vehicles Required:	TBC	Operation:	ROAD CLOSURE(S) Nearest Cross St: JOHN ST	Work Activity:	WEETBIX TRYathlon	RESIGNED BY:	ASHLEY BURKE
							0039450032 EXP 08/03/20
							PREPARE WORK ZONE
							<i>Rike</i>
							APPROVED

**LEGEND:**

- TRAFFIC CONES
- WORK AREA
- TRAFFIC CONTROLLER

**Vigilant**  
 PREPARED BY

**safe**  
 FOR WORK

THIS PLAN IS NOT TO SCALE



**GENERAL NOTES**

- THIS DRAWING TO BE USED IN CONJUNCTION WITH AS1742.3 & TCAMS RMS 18.888, Version No. 5.0
- ALL TRAFFIC CONTROL DIAGRAMS TO BE READ CONJUNCTION WITH THE SIGNAGE SCHEDULE.
- NON-APPLICABLE EXISTING SIGNAGE SHALL BE COVERED E.G. SPEEDS SIGNS DUE TO THE TEMPORARY SPEED ZONE.
- ALL SIGNAGE DISTANCE SHALL COMPLY WITH AS 1742.3 & TCAMS V5 2018
- TRAFFIC CONTROL SIGNS TO ASSIST PEDESTRIANS WITH MOVEMENT THROUGH & AROUND THE WORKSITE.
- SIGNAGE SHALL BE PLACED ON THE SIDE OF ROAD ADJACENT TO THE TRAFFIC FLOW.
- REMOVAL OF TRAFFIC CONTROL SIGNS AND DEVICES SHOULD BE UNDERTAKEN IN THE REVERSE ORDER OF ERECTION, OUTWARD FROM THE WORK AREA TOWARDS THE APPROACH.

**RECOMMENDED TAPER LENGTH**

TRAFFIC KMH	CONTROL AT SHIFT BEGINNING	TAPER
45 OR LESS	15	0
46 - 55	30	15
56 - 65	30	30
66 - 75	N/A	70
76 - 85	N/A	80
86 - 95	N/A	90
96 - 105	N/A	100
> 105	N/A	110

**DIMENSION "D"**

SPEED OF TRAFFIC DIMENSION D=M	AS 1742.3 TC-015
45 OR LESS	15m
46 - 55	15m
56 - 65	45m
EQUAL TO POSTED SPEED	60m

**TOLERANCES**

POSITIONING OF SIGNS  
 MINIMUM 10% LESS THAN THE DISTANCE OR LENGTHS GIVEN  
 MAXIMUM 25% MORE THAN THE DISTANCE OR LENGTHS GIVEN  
 SIGNAGE SPACING DEVICES MAXIMUM 10% MORE THAN THE SPACING GIVEN  
 NO MINIMUM

**LANE WIDTHS**

THE MIN. LANE WIDTH TO BE PROVIDED THROUGH OR PAST THE WORKSITE SHALL BE 3.0m (9.5m DESIRABLE 2.8m min)

**QUEUE MANAGEMENT PLAN**

AT ALL TIMES DURING THE COURSE OF THE WORK TRAFFIC QUEUES SHALL BE MONITORED TO ENSURE THAT TRAFFIC DOES NOT EXCEED BEYOND THE LIMITS OF ADVANCED WARNING SIGNS

**VEHICLE MOVEMENT PLAN**

ALL WORK VEHICLES TO ENTER AND EXIT WORKSITE UNDER THE DIRECTION OF TRAFFIC CONTROLLER WITH THE TRAFFIC FLOW ON DESIGNATED UHF CHANNEL

**Client:** SAVANARIUM  
**Road Name:** EXETER RD  
**Suburb:** CAVDEN  
**TCs Required:** TBC

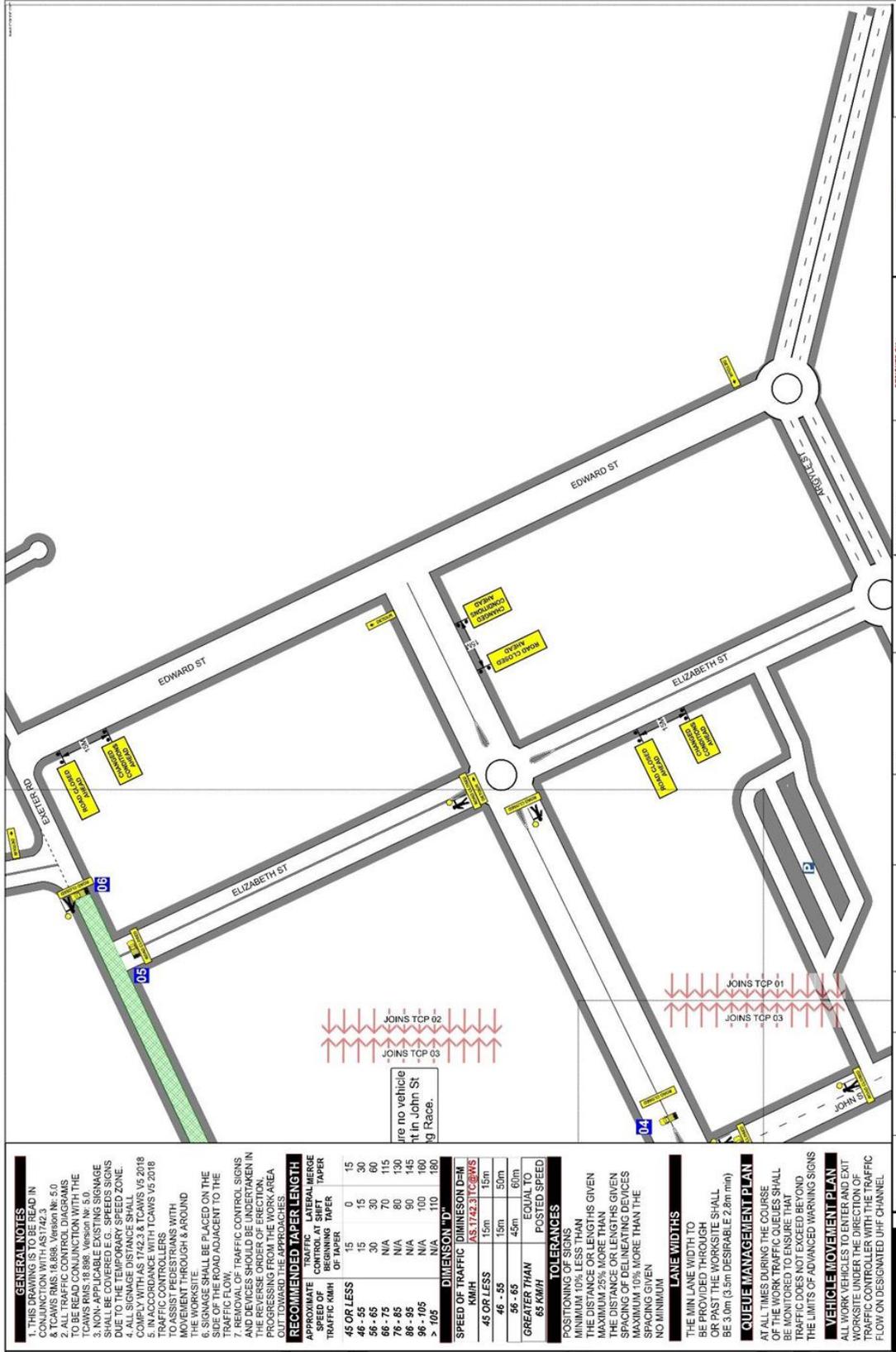
**Day Event:** 2 LANES  
**Speed Limit:** 50KMH  
**Travelled Path:** AROUND

**ROL Required:** NO  
**ROL Number:** N/A  
**Road Classification:** COUNCIL ROAD  
**Speed Reduction:** N/A

**Date Prepared:** 15/01/2020  
**Date Approved:** 15/01/2020  
**TC@WS Reference:** BASED ON TCP-54  
**TC Ref NO:** TCP-02

**DESIGNED BY:** ASHLEY BURKE  
**0039450032 EXP 08/03/20**  
**PREPARE WORK ZONE**

**LEGEND:**  
 TRAFFIC CONES  
 WORK AREA  
 TRAFFIC CONTROLLER



**GENERAL NOTES**  
 1. THIS PLAN IS TO BE USED IN CONJUNCTION WITH AS1742.3 & TCAMS RMS 18.868, Version No. 5.0  
 2. ALL TRAFFIC CONTROL DIAGRAMS TO BE READ IN CONJUNCTION WITH THE TRAFFIC CONTROL PLAN  
 3. NON-APPLICABLE EXISTING SIGNAGE SHALL BE COVERED E.G. SPEEDS SIGNS DUE TO THE TEMPORARY SPEED ZONE.  
 4. ALL SIGNAGE DISTANCE SHALL COMPLY WITH AS 1742.3 & TCAMS V5.2018  
 5. ALL TRAFFIC CONTROL SIGNS TO BE PLACED BY TRAFFIC CONTROLLERS TO ASSIST PEDESTRIANS WITH MOVEMENT THROUGH & AROUND THE WORKSITE.  
 6. SIGNAGE SHALL BE PLACED ON THE SIDE OF THE ROAD ADJACENT TO THE TRAFFIC FLOW.  
 7. REMOVAL OF TRAFFIC CONTROL SIGNS AND DEVICES SHOULD BE UNDERTAKEN IN THE REVERSE ORDER OF ERECTION, WITH THE EXCEPTION OF ADVISORY SIGNS OUTWARD TO THE APPROACHES.

**RECOMMENDED TAPER LENGTH**

APPROXIMATE TRAFFIC SPEED OF TAPER (KMH)	APPROXIMATE TAPER LENGTH (M)
45 OR LESS	15
46 - 55	15
56 - 65	30
66 - 75	30
76 - 85	60
86 - 95	60
96 - 105	120
> 105	180

**DIMENSION 'D'**

SPEED OF TRAFFIC (KMH)	DIMENSION 'D' (M)
45 OR LESS	15m
46 - 55	15m
56 - 65	30m
66 - 75	30m
76 - 85	60m
86 - 95	60m
96 - 105	120m
> 105	180m

**TOLERANCES**

POSITIONING OF SIGNS	TOLERANCE
MINIMUM 10% LESS THAN THE DISTANCE OR LENGTHS GIVEN	
MAXIMUM 20% MORE THAN THE DISTANCE OR LENGTHS GIVEN	
SPACING OF DELINEATING DEVICES	MAXIMUM 10% MORE THAN THE SPACING GIVEN
NO MINIMUM	

**LANE WIDTHS**  
 THE MIN. LANE WIDTH TO BE PROVIDED THROUGH OR PAST THE WORKSITE SHALL BE 3.0m (3.5m DESIRABLE (2.8m min))

**QUEUE MANAGEMENT PLAN**  
 AT ALL TIMES DURING THE COURSE OF THE WORK TRAFFIC QUEUES SHALL BE MONITORED TO ENSURE THAT TRAFFIC DOES NOT EXCEED BEYOND THE LIMITS OF ADVANCED WARNING SIGNS

**VEHICLE MOVEMENT PLAN**  
 ALL WORK VEHICLES TO ENTER AND EXIT WORKSITE UNDER THE DIRECTION OF TRAFFIC CONTROLLER WITH THE TRAFFIC FLOW ON DESIGNATED UHF CHANNEL

<b>Client:</b> SANATARIUM	<b>Day Event:</b> NO	<b>Date Prepared:</b> 15/01/2020	<b>DESIGNED BY:</b> ASHLEY BURKE
<b>Road Name:</b> EXETER RD	<b>ROL Number:</b> N/A	<b>Date Approved:</b> 15/01/2020	<b>0039450032 EXP 08/03/20</b>
<b>Suburb:</b> CAWDEN	<b>Road Classification:</b> COUNCIL ROAD	<b>TC@MS Reference:</b> BASED ON TCP 54	<b>PREPARE WORK ZONE</b>
<b>TICs Required:</b> TBC	<b>Speed Reduction:</b> N/A	<b>TCP Ref NO:</b> TCP 03	<i>Alice</i>
<b>Vehicles Required:</b> TBC	<b>Nearest Cross St:</b> JOHN ST	<b>Work Activity:</b> WEETBIX TRYathlon	<input checked="" type="checkbox"/> APPROVED

**LEGEND:**

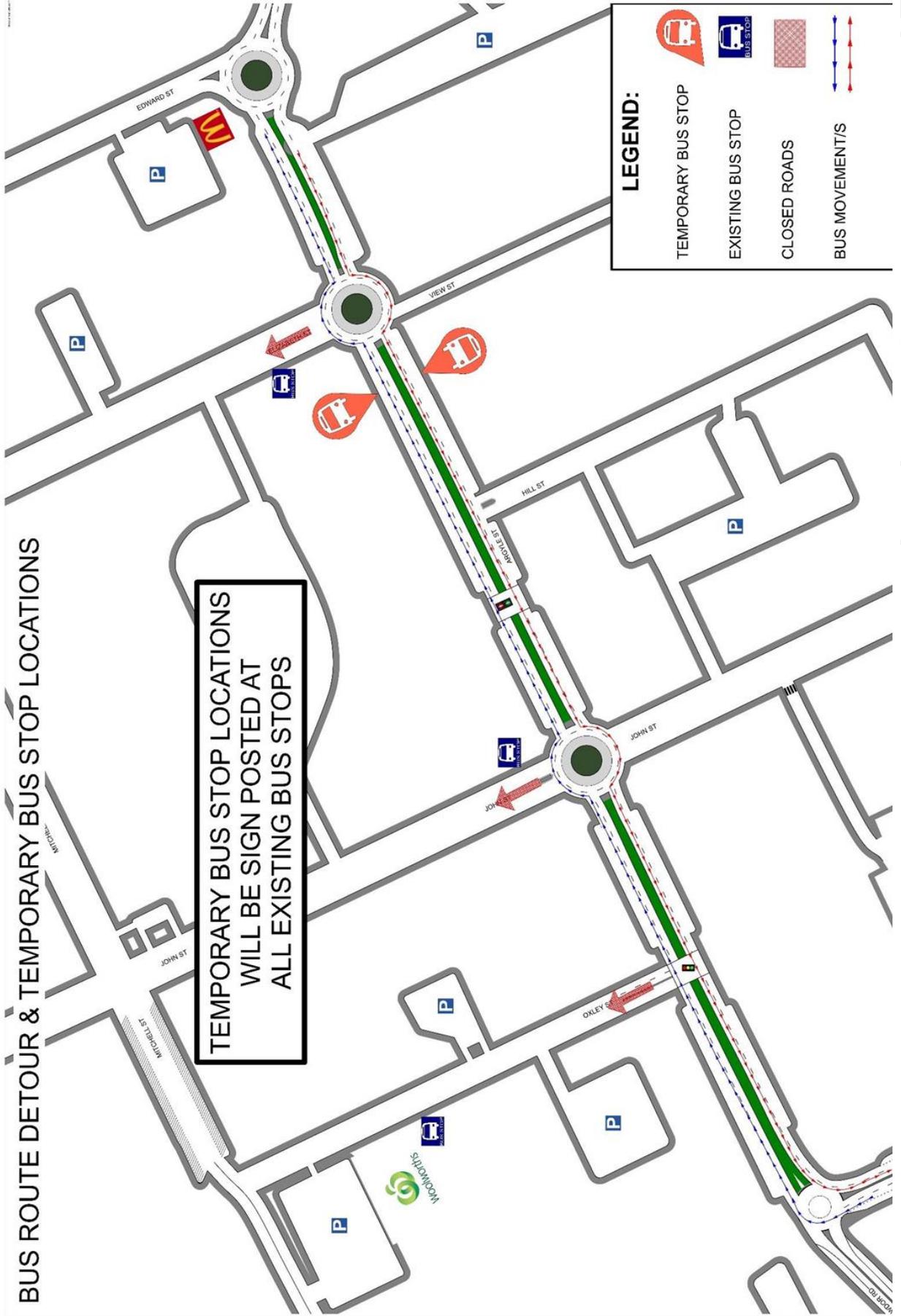
- TRAFFIC CONES
- WORK AREA
- TRAFFIC CONTROLLER

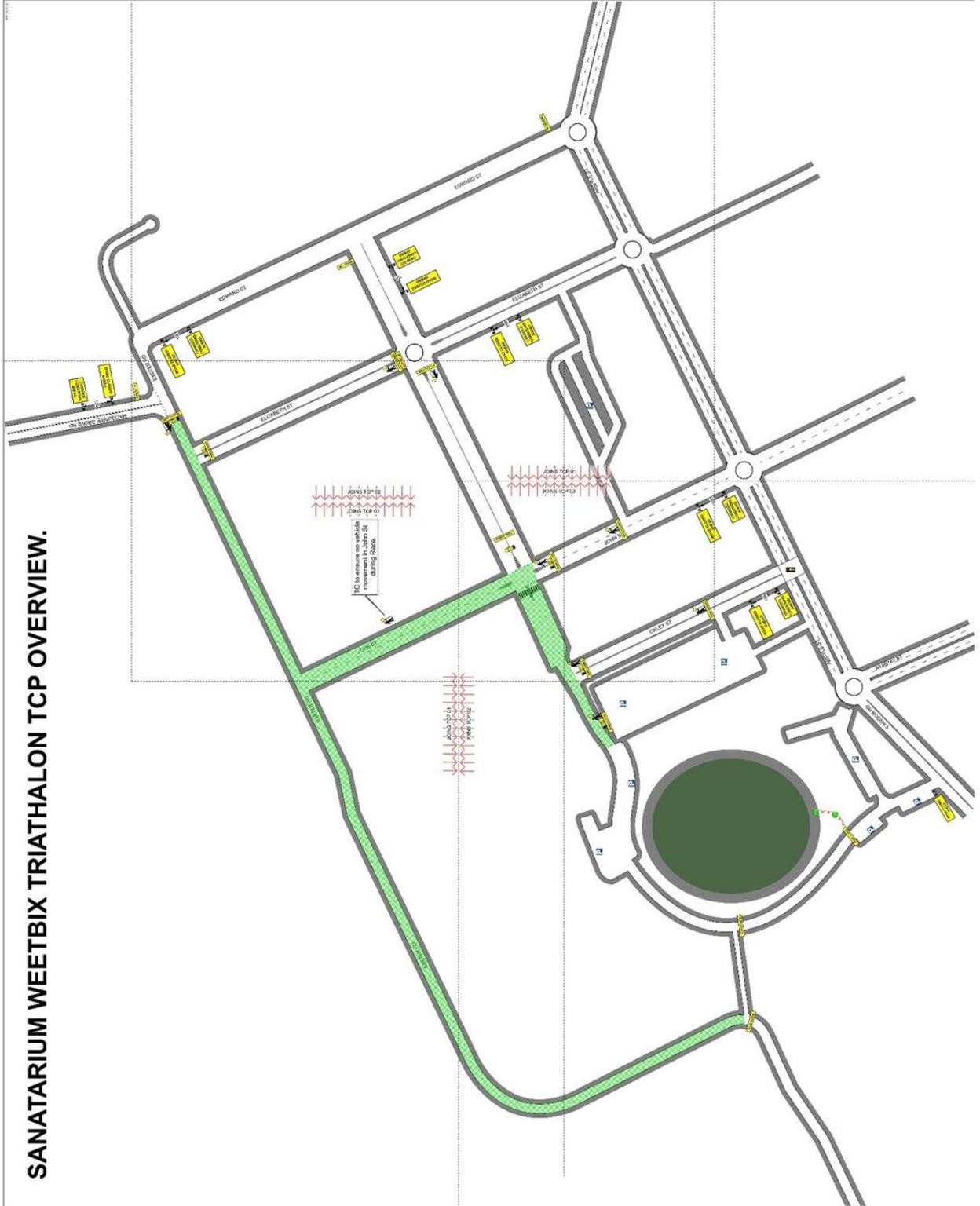
**Vigilant GROUP**  
**safe FOR WORK**  
 BRINGING A SAFER CULTURE

**WEETBIX TRYathlon**

THIS PLAN IS NOT TO SCALE







SANATORIUM WEETBIX TRIATHALON TCP OVERVIEW.

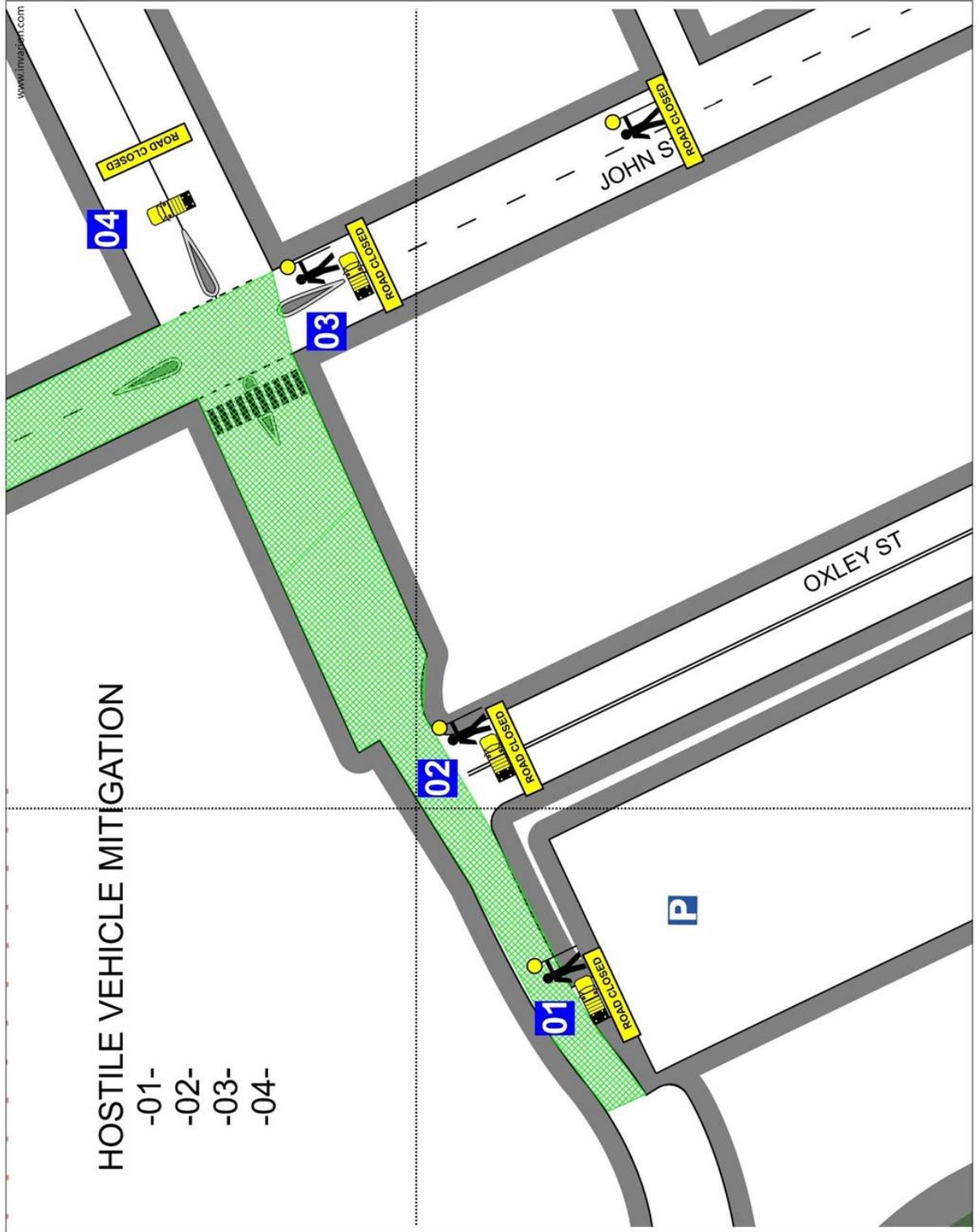


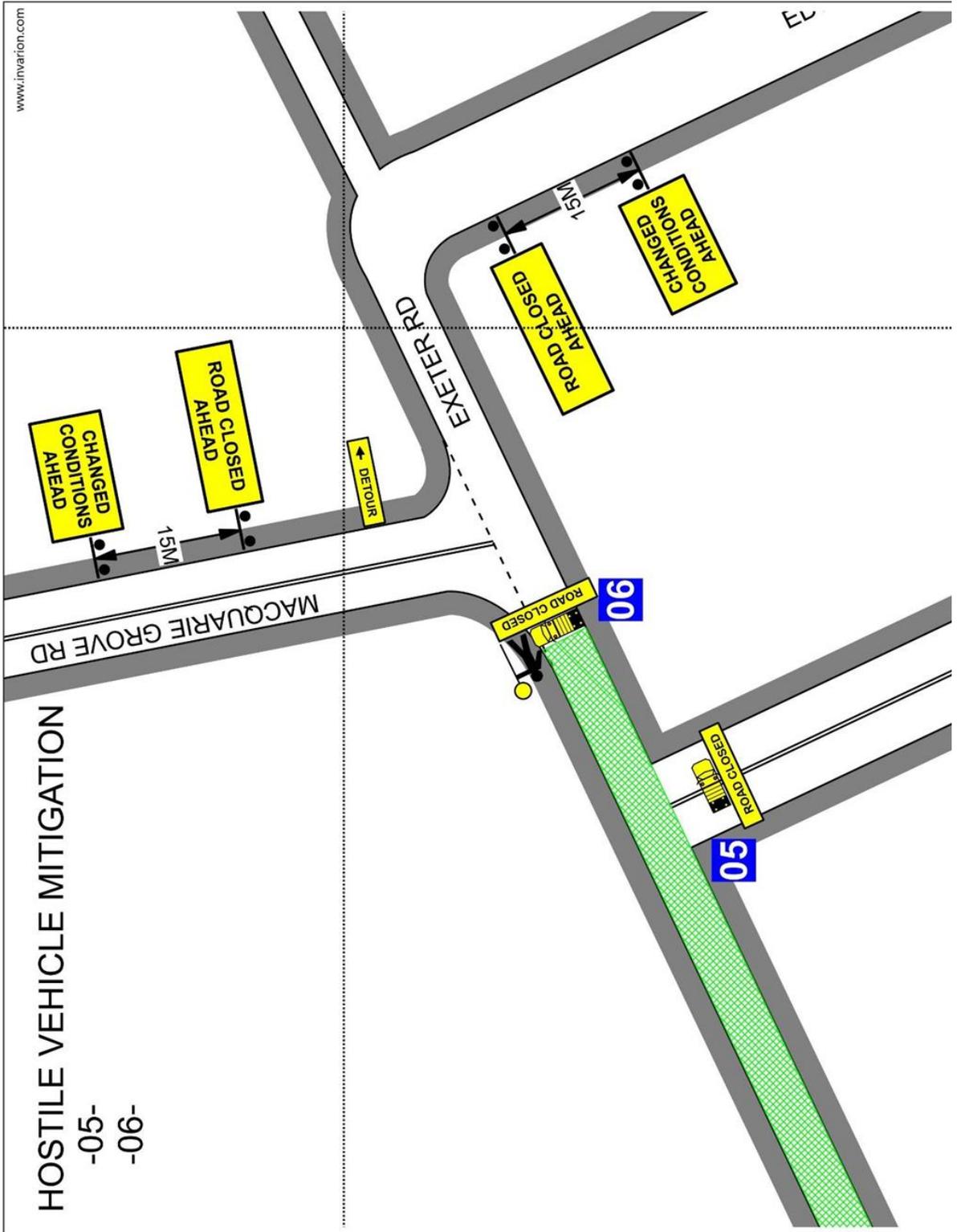


# HOSTILE VEHICLE MITIGATION PLANS (HVM)

LTC12

Attachment 1





HOSTILE VEHICLE MITIGATION

-05-  
-06-



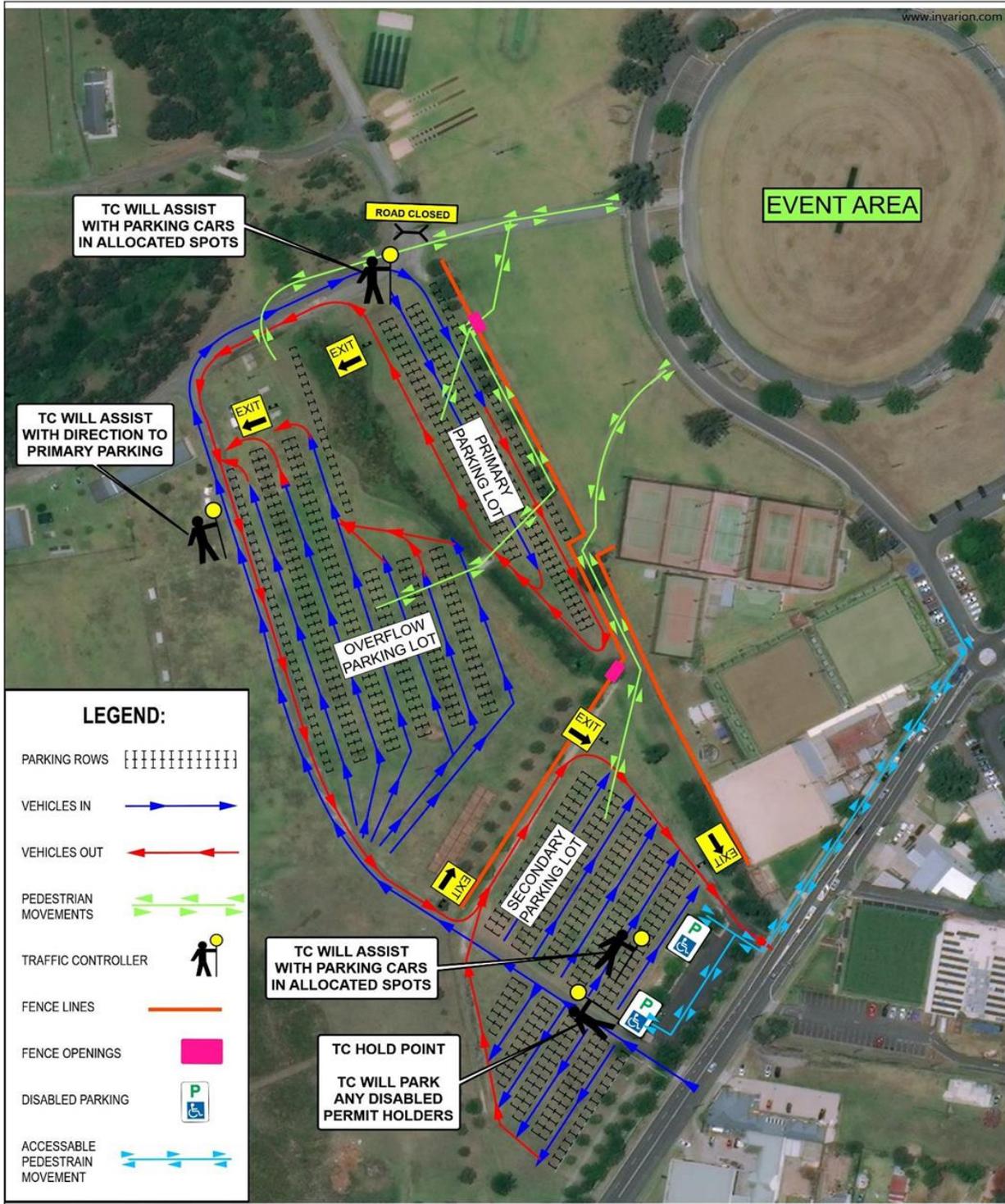
LTC12

Attachment 1



# PARKING LOT PLAN

# PL01- PARKING CONTROLS





## LOCAL TRAFFIC COMMITTEE

### LTC13

**SUBJECT: 2-14 JOHN STREET, CAMDEN (FORMALLY CAMDEN HIGH SCHOOL SITE) - SIGNAGE, LINEMARKING AND DEVICES**

**FROM:** Manager Traffic, Depot & Building Services

**TRIM #:** 20/113837

**ELECTRONIC MEETING ITEM DATE: 6 March 2020**

### PURPOSE OF REPORT

To document approval previously provided by the Local Traffic Committee through an Electronic Meeting for signage and linemarking plans associated with the development of 2-14 John Street, Camden (formally Camden High School site).

### MAIN REPORT

A signage and line marking plan has been received by Council for the development of 2-14 John Street, Camden (formally Camden High School site). The Location is highlighted on **Attachment 1**. This relates to the Development Application number: DA/2008/644/1.

As part of the development consent, Exeter Street has been widened and existing double barrier line marking has been offset to the northern side to allow on-street parking on the southern side of Exeter Street. Further, Give Way sign and its associated line markings have been proposed at John Street / Exeter Street intersection to manage traffic at this location.

The Engineering Drawing No. 719058E3 prepared by JMD Consulting provides details of the proposed signage and line marking (**Attachments 2**). The plan is considered to be in accordance with Austroads, Australian Standards and RMS supplements for the placement of regulatory signage and line marking and it is recommended that LTC supports the proposed measures.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee
2020/14	<p>The Local Traffic Committee recommends that Council approves the regulatory signs and line marking associated with the development of 2-14 John Street as shown on the Engineering Drawing No. 719058E3 subject to:</p> <ul style="list-style-type: none"> <li>i. The installation being completed by the applicant at its cost;</li> <li>ii. All signage being sign size A; and</li> <li>iii. Street lighting levels for intersection and devices being in accordance with Australian Standard AS/NZS 1158, subject to further Council approval of the lighting design.</li> </ul>

This recommendation was supported unanimously by the four voting members.

---

This recommendation has been resolved by a Council Officer under Delegated Authority.

**RECOMMENDED**

**That Council receives and notes the report on 2-14 John Street, Camden (Formally Camden High School Site) - Signage, Linemarking and Devices.**

ATTACHMENTS

1. Attachment 1 - Location - Signage and Linemarking Plan
2. Attachment 2 - Engineering Drawing - providing details of the proposed Signage and Linemarking Plan







## LOCAL TRAFFIC COMMITTEE

### LTC14

**SUBJECT: ST ANDREWS ROAD, LEPPINGTON - SIGNAGE, LINEMARKING AND DEVICES**

**FROM:** Manager Traffic, Depot & Building Services

**TRIM #:** 20/113973

**ELECTRONIC MEETING ITEM DATE: 6 March 2020**

### PURPOSE OF REPORT

To document approval previously provided by the Local Traffic Committee through an Electronic Meeting for signage and linemarking plans associated with the development of Emerald Hills estate, Stages 8 & 9.

### MAIN REPORT

Signage and line marking plans have been received by Council for the construction of new roads associated with the development of Emerald Hills estate, Stages 8 & 9. The Location is highlighted on **Attachment 1**. This relates to the development application numbers: DA/2018/475/1.

The Engineering Drawing No. NA50613004-032-CI-CC-9601, NA50613004-032-CI-CC-9602, NA50613004-032-CI-CC-9603 Rev.3 prepared by Cardno Consulting provide details of the proposed signage and line marking (**Attachments 2**). The plans are considered to be in accordance with Austroads, Australian Standards and RMS supplements for the placement of regulatory signage and line marking and it is recommended that LTC supports the proposed measures.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee
2020/15	<p>The Local Traffic Committee recommends that Council on and in the vicinity of St Andrews Road, approves the regulatory signs and line marking associated with the development of Emerald Hills estate, Stages 8 &amp; 9 as shown on the Engineering Drawing No. NA50613004-032-CI-CC-9601, NA50613004-032-CI-CC-9602,NA50613004-032-CI-CC-9603 Rev.3 subject to:</p> <ul style="list-style-type: none"> <li>i. The installation being completed by the applicant at its cost;</li> <li>ii. All signage being sign size A;</li> <li>iii. Street lighting levels for intersection and devices being in accordance with Australian Standard AS/NZS 1158, subject to further Council approval of the lighting design; and</li> <li>iv. Speed limit signage being referred to Roads and Maritime Services for approval.</li> </ul>

This recommendation was supported unanimously by the four voting members.

---

This recommendation has been resolved by a Council Officer under Delegated Authority.

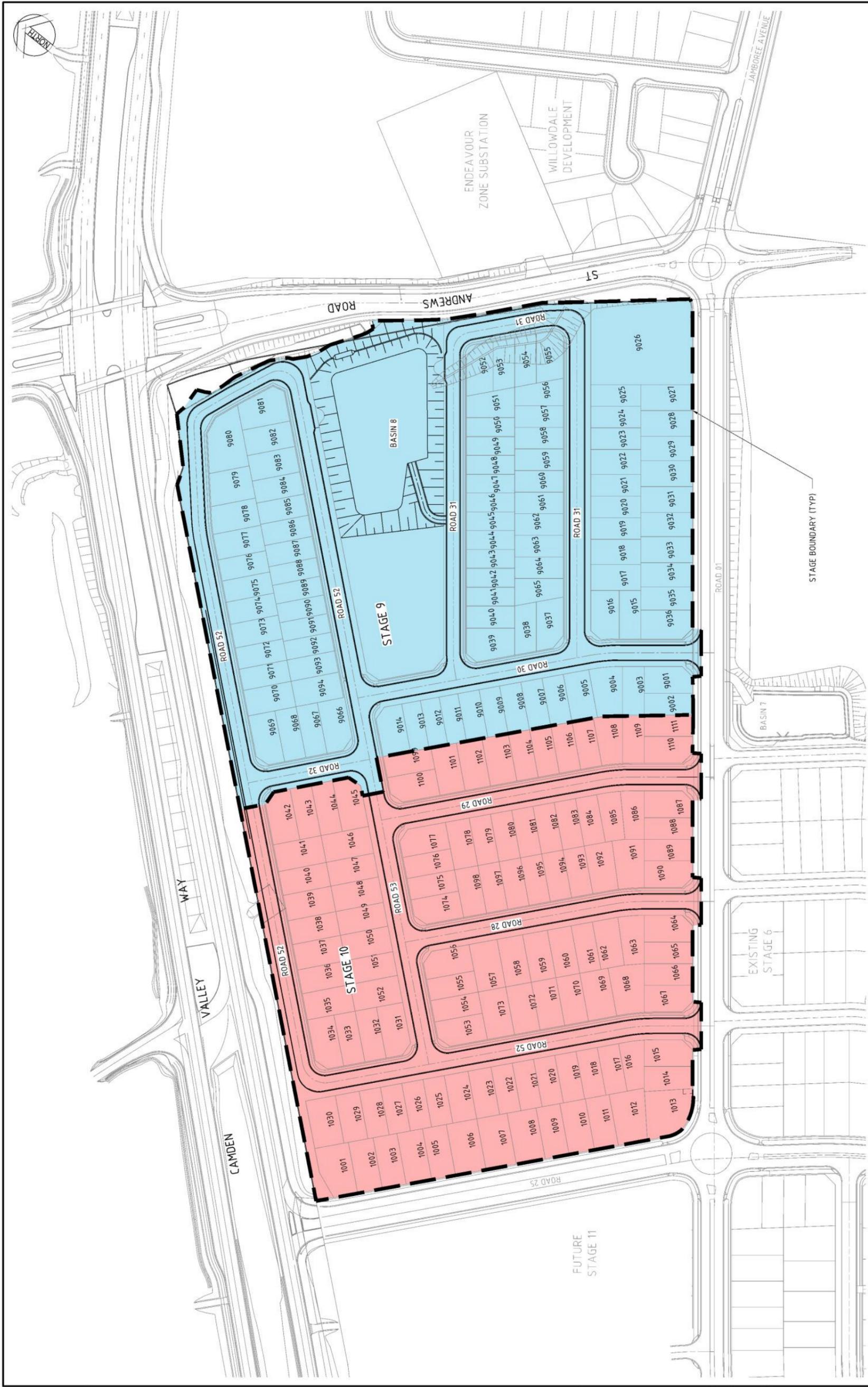
**RECOMMENDED**

**That Council receives and notes the report on St Andrews Road, Leppington – Signage, Linemarking and Devices.**

ATTACHMENTS

1. Attachment 1 - Location - Signage and Linemarking Plan
2. Attachment 2 - Engineering Drawing - Providing details of the proposed Signage and Linemarking





<p><b>Cardno</b> Shaping the Future</p> <p>Cardno (NSW/ACT) Pty Ltd   ABN 85 001 145 035 Level 8, The Forum, 203 Pacific Highway St. Leonards, NSW 2085 Tel: 02 9465 7100 Fax: 02 9459 5170 Web: www.cardno.com.au</p>		<p><b>Macarthur Developments</b></p>	
<p>© Cardno Limited All Rights Reserved. This document is produced by Cardno Limited solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno Limited does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.</p>		<p>Scale 1:1000 0 20 40 60 80 100m @A1</p>	
<p>3 22/01/2020 ISSUE FOR CONSTRUCTION CERTIFICATE</p> <p>2 24/09/2019 ISSUE FOR CLIENT REVIEW</p> <p>1 27/06/2018 ISSUE FOR CLIENT REVIEW</p>	<p>Rev. Date Description</p>	<p>Drawn: MP Checked: MP Designed: DT Date: AUG19</p>	<p>Client: Project Emerald Hills Estate Date: AUG19</p>
<p>FOR APPROVAL FOR CONSTRUCTION PURPOSES WHEN STAMPED</p>		<p>Scale: 1:1000 Date: AUG19 Sheet: A1</p>	<p>Project: STAGE 9-10 CIVIL WORKS Title: STAGING PLAN</p>
<p>Drawing Number: NA50613004-032-CI-CC-9004</p>		<p>Revision: 3</p>	<p>Revision: 3</p>

CAD File: N:\armh\p\proj\B\50613004\032-CI-CC-9004\Stage 9-10\Drawings\CI\Stage 9-10\9004-032-CI-CC-9004 STAGING PLAN.dwg DATE PLOTTED: 23 January 2020 2:32 PM BY: JEROME QUINTO



**PAVEMENT MARKING SCHEDULE**

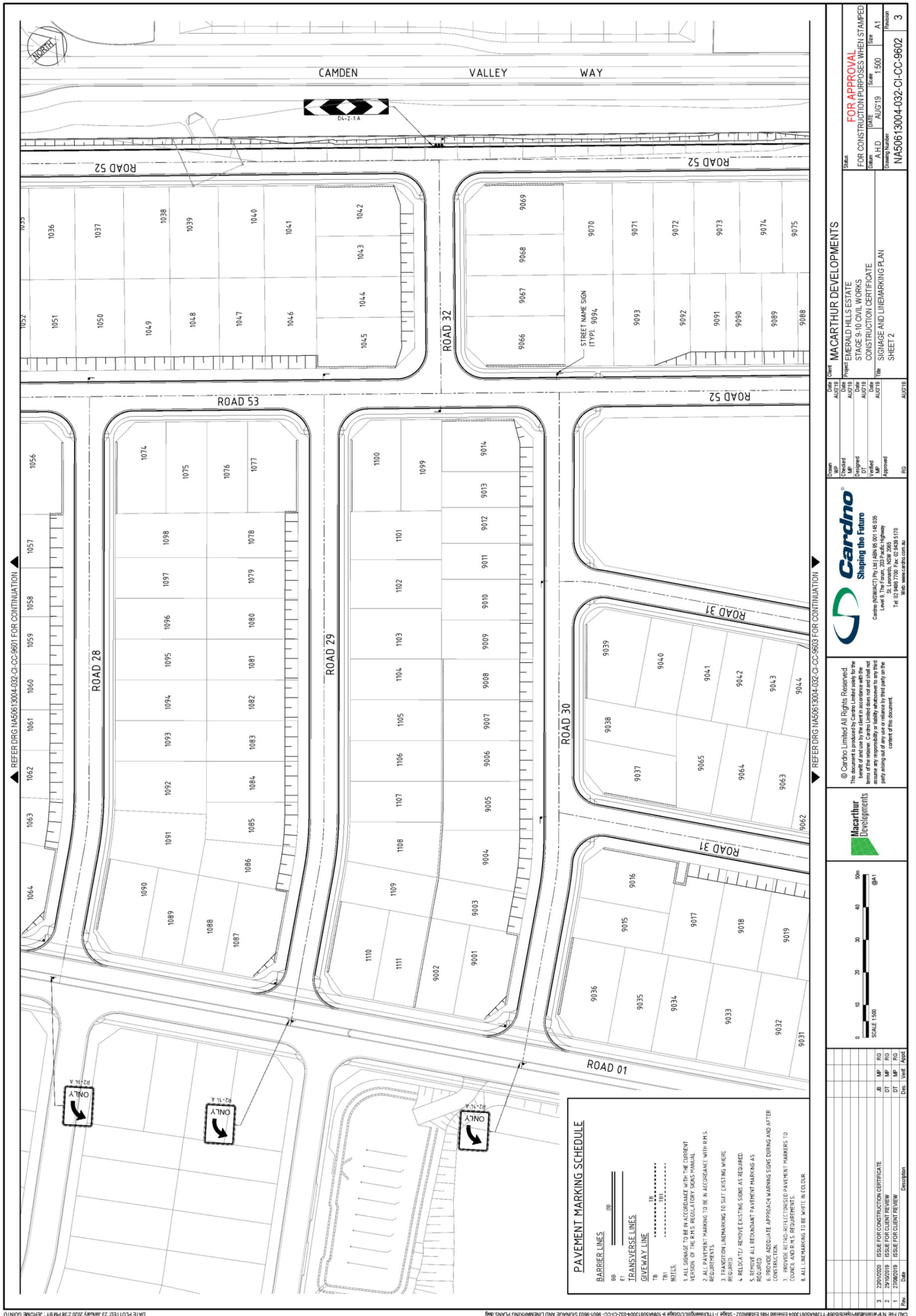
**BARRIER LINES**  
 BB ————  
 E1 ————

**TRANSVERSE LINES**  
 TB - - - - -

**GIVEWAY LINE**  
 TB1 - - - - -  
 TB2 - - - - -

**NOTES:**  
 1. ALL SIGNAGE TO BE IN ACCORDANCE WITH THE CURRENT VERSION OF THE R.M.S. REGULATORY SIGNS MANUAL.  
 2. ALL PAVEMENT MARKING TO BE IN ACCORDANCE WITH R.M.S. REQUIREMENTS.  
 3. TRANSITION LINEMARKING TO SUIT EXISTING WHERE REQUIRED.  
 4. RELOCATE/ REMOVE EXISTING SIGNS AS REQUIRED.  
 5. REMOVE ALL REDUNDANT PAVEMENT MARKING AS REQUIRED.  
 6. PROVIDE ADEQUATE APPROACH WARNING SIGNS DURING AND AFTER CONSTRUCTION.  
 7. PROVIDE RETRO-REFLECTORISED PAVEMENT MARKERS TO COUNCIL AND R.M.S. REQUIREMENTS.  
 8. ALL LINEMARKING TO BE WHITE IN COLOUR.

<p>DATE PLOTTED: 23 January 2020 2:38 PM BY: JEROME GUINTO</p>		<p>REFER DRG NA50613004-032-CI-CC-9602 FOR CONTINUATION</p>	
<p>Rev. Date Description</p> <p>3 22/01/2020 ISSUE FOR CONSTRUCTION CERTIFICATE</p> <p>2 25/10/2019 ISSUE FOR CLIENT REVIEW</p> <p>1 27/09/2019 ISSUE FOR CLIENT REVIEW</p>	<p>Des. Verif. Appd</p> <p>MP RG          DT MP RG          DT MP RG</p>	<p>Scale 1:500</p> <p>0 10 20 30 40 50m</p> <p>@A1</p>	<p><b>Macarthur Developments</b></p>
<p>© Cardno Limited All Rights Reserved.          This document is produced by Cardno Limited solely for the benefit of and use by the client in accordance with the terms of the relevant Cardno Limited does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.</p>		<p><b>Cardno</b>          Shaping the Future</p> <p>Cardno (NSW/ACT) Pty Ltd (ABN 66 001 145 035)          Level 9, The Arcade, 201 Parkside Highway          St Leonards, NSW 2065          Tel: 02 9468 7700 Fax: 02 9439 5170          Web: www.cardno.com.au</p>	
<p>Client: <b>MACARTHUR DEVELOPMENTS</b></p> <p>Project: <b>EMERALD HILLS ESTATE</b></p> <p>Stage: <b>9-10 CIVIL WORKS</b></p> <p>Construction Certificate</p> <p>Signage and Linemarking Plan</p> <p>Sheet 11</p>	<p>Date: AUG19</p> <p>Drawn: WP</p> <p>Checked: MP</p> <p>Designed: DT</p> <p>Verified: MP</p> <p>Approved: RG</p>	<p>Date: AUG19</p> <p>Project: EMERALD HILLS ESTATE</p> <p>Stage: 9-10 CIVIL WORKS</p> <p>Construction Certificate</p> <p>Signage and Linemarking Plan</p> <p>Sheet 11</p>	<p>Status: <b>FOR APPROVAL</b></p> <p>FOR CONSTRUCTION PURPOSES WHEN STAMPED</p> <p>Date: AUG19</p> <p>Scale: 1:500</p> <p>Size: A1</p> <p>Revision: 3</p> <p>Drawing Number: NA50613004-032-CI-CC-9601</p>



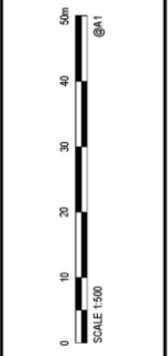
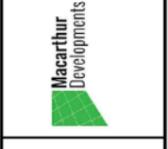
DATE PLOTTED: 23 January 2020 2:38 PM BY: JEROME GUNTO

Drawn	MP	Date	AUG19
Checked	MP	Date	AUG19
Designed	DT	Date	AUG19
Validated	MP	Date	AUG19
Approved	RG	Date	AUG19

Client	MACARTHUR DEVELOPMENTS
Project	EMERALD HILLS ESTATE
Stage	STAGE 9-10 CIVIL WORKS
Document	CONSTRUCTION CERTIFICATE
Title	SIGNAGE AND LINEMARKING PLAN
Sheet	SHEET 2



© Cardno Limited All Rights Reserved.  
 This document is produced by Cardno Limited solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno Limited does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.



Rev	Date	Description	Des.	Verif.	Appd.
3	22/01/2020	ISSUE FOR CONSTRUCTION CERTIFICATE	B	MP	RG
2	24/09/2019	ISSUE FOR CLIENT REVIEW	DT	MP	RG
1	27/06/2019	ISSUE FOR CLIENT REVIEW	DT	MP	RG



**PAVEMENT MARKING SCHEDULE**

**BARRIER LINES**  
BB ————  
E1 ————

**TRANSVERSE LINES**  
TB ————  
TB1 ————  
TB2 ————

**GIVEWAY LINE**  
G1 ————

**NOTES:**  
1. ALL SIGNAGE TO BE IN ACCORDANCE WITH THE CURRENT VERSION OF THE R.M.S. REGULATORY SIGNS MANUAL.  
2. ALL PAVEMENT MARKING TO BE IN ACCORDANCE WITH R.M.S. REQUIREMENTS.  
3. TRANSITION LINEMARKING TO SUIT EXISTING WHERE REQUIRED.  
4. RELOCATE/REMOVE EXISTING SIGNS AS REQUIRED.  
5. REMOVE ALL REDUNDANT PAVEMENT MARKING AS REQUIRED.  
6. PROVIDE ADEQUATE APPROACH WARNING SIGNS DURING AND AFTER CONSTRUCTION.  
7. PROVIDE RETRO-REFLECTORISED PAVEMENT MARKERS TO COUNCIL AND R.M.S. REQUIREMENTS.  
8. ALL LINEMARKING TO BE WHITE IN COLOUR.

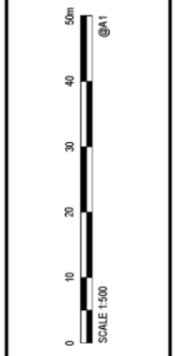
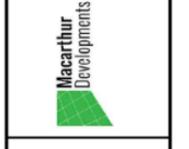
REFER DRG NA50613004-032-CI-CC-9602 FOR CONTINUATION

DATE PLOTTED: 23 January 2020 2:38 PM BY: JEROME GUINTO

<p><b>FOR APPROVAL</b> FOR CONSTRUCTION PURPOSES WHEN STAMPED</p>		<p><b>FOR APPROVAL</b> FOR CONSTRUCTION PURPOSES WHEN STAMPED</p>	
<p>Date: AUG19</p>	<p>Date: AUG19</p>	<p>Date: AUG19</p>	<p>Date: AUG19</p>
<p>Drawn: MP</p>	<p>Checked: MP</p>	<p>Designed: DT</p>	<p>Verified: MP</p>
<p>Approved: RG</p>	<p>Scale: 1:500</p>	<p>Sheet: A1</p>	<p>Revision: 3</p>
<p>Client: <b>MACARTHUR DEVELOPMENTS</b></p>		<p>Project: <b>EMERALD HILLS ESTATE</b></p>	
<p>Stage: <b>9:10 CIVIL WORKS</b></p>		<p>Certificate: <b>CONSTRUCTION CERTIFICATE</b></p>	
<p>Title: <b>SIGNAGE AND LINEMARKING PLAN</b></p>		<p>Sheet: <b>SHEET 3</b></p>	
<p>Drawing Number: <b>NA50613004-032-CI-CC-9603</b></p>		<p>Revision: <b>3</b></p>	

Cardno (NSW/ACT) Pty Ltd | ABN 66 001 145 035  
Level 9, The Arcade, 201 Parkes Highway  
St Leonards, NSW 2065  
Tel: 02 9468 7700 Fax: 02 9439 5170  
Web: www.cardno.com.au

© Cardno Limited All Rights Reserved.  
This document is produced by Cardno Limited solely for the benefit of and use by the client in accordance with the terms of the relevant Cardno Limited license and shall not be used for any other purpose without the prior written consent of Cardno Limited. Cardno Limited does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.



Rev.	Date	Description	Des.	Verif.	Appd.
3	22/01/2020	ISSUE FOR CONSTRUCTION CERTIFICATE	MP	RG	RG
2	25/10/2019	ISSUE FOR CLIENT REVIEW	DT	MP	RG
1	27/09/2019	ISSUE FOR CLIENT REVIEW	DT	MP	RG

---

## LOCAL TRAFFIC COMMITTEE

### LTC15

**SUBJECT: ARGYLE STREET / CAWDOR ROAD, CAMDEN - ANZAC DAY 2020  
SPECIAL EVENT TRANSPORT MANAGEMENT PLAN**

**FROM:** Manager Traffic, Depot & Building Services

**TRIM #:** 20/116628

---

**ELECTRONIC MEETING ITEM DATE: 6 March 2020**

### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for use of the streets of Camden to conduct the annual Anzac Day Dawn Service and street march on Saturday 25 April 2020.

### MAIN REPORT

ANZAC Day is the solemn day of remembrance of those Australian and New Zealand Army Corps soldiers who fought and died at Gallipoli in 1915. It is also a day of remembrance for all soldiers who have fought and died for their country. It is commemorated on 25th April each year.

The day's events are undertaken in two stages. The first stage will be a Dawn Service, commencing at 5.00am, whilst the second stage will be a formal street march through the main street of Camden commencing at 10.30am.

The event has been determined as a Class 2 Event Category. Traffic Control Plans have been prepared to ensure appropriate traffic management measures are implemented as part of the road closures.

#### **Dawn Service**

The Dawn Service is the first stage of the day's events. It is proposed to be held at the BEP on Cawdor Road, Camden, opposite the Camden RSL Sub Branch. The service will commence at 5.00am. However, to assist with setting up and crowd management the proposed road closures in Cawdor Road will need to commence at 4.30am. It is expected that Cawdor Road will be reopened to normal traffic operations by 7.00am. Proposed traffic management arrangements are detailed in the Traffic Control Plan. Detours are via Barsden Street, Broughton Street and Murray Street.

In the last few years community patronage of this event has increased significantly and given the level of interest it has generated, the request to have the road closed is considered justified.

#### **Street March**

The Street March will follow a route commencing in Elizabeth Street (marshalling area), along the westbound carriageway of Argyle Street through to Cawdor Road and then turning right into the BEP. At this point a Community Commemorative Service will be conducted adjacent to the BEP memorial, opposite the Camden RSL Sub Branch. Participants in the march will marshal and form ranks in Elizabeth Street at 10.00am.



This requires the closure of Elizabeth Street between Mitchell and Argyle Streets to restrict through traffic movements. Access can still be provided to businesses and residents as required. However, access to the Larkin Place car park from Elizabeth Street will be closed until the road is cleared of participants. Arrangements are in place to minimise the impact of current road works in Argyle Street on the parade and spectators.

The Street March is scheduled from 10.30am to 11.30am. Whilst the march is in progress the side streets along both sides of Argyle Street will be closed and traffic will be prevented from accessing Argyle Street in both directions. This will allow for safe spectator viewing. Argyle Street will progressively re-open as the last Police/SES vehicle passes. Proposed traffic management arrangements are detailed in the Traffic Control Plan in **Attachment 1**.

After the main service, the participants and attendees will be assisted across Cawdor Road to the Camden RSL Club under manual control by the Police and SES, between 11.30am and 12 noon.

### **Traffic Control**

The NSW Police and State Emergency Services (SES) will be engaged by the RSL to provide assistance and traffic control. As in previous years the Police will provide a lead and follow-up vehicle for the street march. The SES will assist with the closure of Cawdor Road for the Dawn Service and the street march and will also assist with the reopening of the roads.

### **Security measures / Vehicle mitigation strategies**

Due to consideration of possible security issues in relation to hostile vehicle risks, the following additional measures have been proposed:

- Physical vehicles (rigid trucks or similar vehicles) being used as static barriers at the entry points where a hostile vehicle could access and impact either the street parade or the crowd watching the parade.
- Crowd barriers being placed along Argyle Street along the median island and kerb side to allow for safe spectator viewing.

### **Public Transport**

The event occurs on a public holiday when a route 895 bus service to Campbelltown is scheduled to arrive at John Street in Camden at 10.20am and 11.20am and a service from Campbelltown arrives at 10.57am & 11.57am.

These services will be diverted to the Camden bypass. Passengers are advised to visit the Busabout website at [www.Busabout.com.au](http://www.Busabout.com.au) or call Transport NSW on 131 500 for all timetable enquiries.

<b>Electronic Meeting Reference</b>	<b>Agreed recommendation of the Local Traffic Committee</b>
<b>2020/16</b>	<b>The Local Traffic Committee recommends that Council: a) gives concurrence for the closure of Cawdor Road between Barsden Street and Onslow Park from 4.30am to 7.00am on Saturday 25 April 2020, as per the certified Traffic Control Plans and</b>

	<p>the associated Special Event Transport Management Plan, for the Anzac Day Dawn Service;</p> <p>b) gives concurrence for the closure of the following roads between 10.00am and 12noon on Saturday 25 April 2020, as per the certified Traffic Control Plans and the associated Special Event Transport Management Plan, for the Anzac Day March:</p> <ul style="list-style-type: none"> <li>• Cawdor Road from Barsden Street to Argyle Street;</li> <li>• Murray Street from John /Murray Streets car park entrance to Argyle Street;</li> <li>• Argyle Street (both sides) from Cawdor Road to Edward Street;</li> <li>• Oxley Street from Argyle Street to south of the access to the southernmost Woolworths carpark;</li> <li>• Elizabeth Street from Argyle Street to Mitchell Street;</li> <li>• John Street from north of the access to the John/Hill Streets Carpark to south of the access to the Larkin Place Carpark;</li> <li>• Hill Street (west side) from Argyle Street to north of the access to John/Hill Streets Carpark; and</li> <li>• Elizabeth Street between Argyle Street and Mitchell Street.</li> </ul> <p>c) gives concurrence of the above events subject to the following conditions:</p> <p>i. the event classified as Class 2, under the RMS Guide to Traffic and Transport Management for Special Events, Version 3.4;</p> <p>ii. traffic management arrangements shall be implemented in accordance with the approved Special Event Traffic Management Plans and associated certified Traffic Control Plans;</p> <p>iii. the event is controlled by NSW Police with support from RMS accredited traffic controllers;</p> <p>iv. the organisers providing proof of a minimum \$20 million Public Liability Insurance Policy;</p> <p>v. the organisers shall obtain NSW Police concurrence to the Special Event approval;</p> <p>vi. the organisers shall maintain access for emergency vehicles along the sections of closed road at all times;</p> <p>vii. temporary signage associated with the Traffic Control Plan shall be installed and removed at the end of the event at no cost to Council;</p> <p>viii. the event being advertised in local newspapers and on on-street signage a minimum of seven days prior to the event; businesses along the closed road sections and local bus companies being advised of the traffic management arrangements in writing, by the organisers; and</p> <p>x. access is facilitated for vehicles turning from Cawdor Road into the service station on the corner of Cawdor Road and Barsden Street.</p>

This recommendation was supported unanimously by the four voting members.

This recommendation has been resolved by a Council Officer under Delegated Authority.



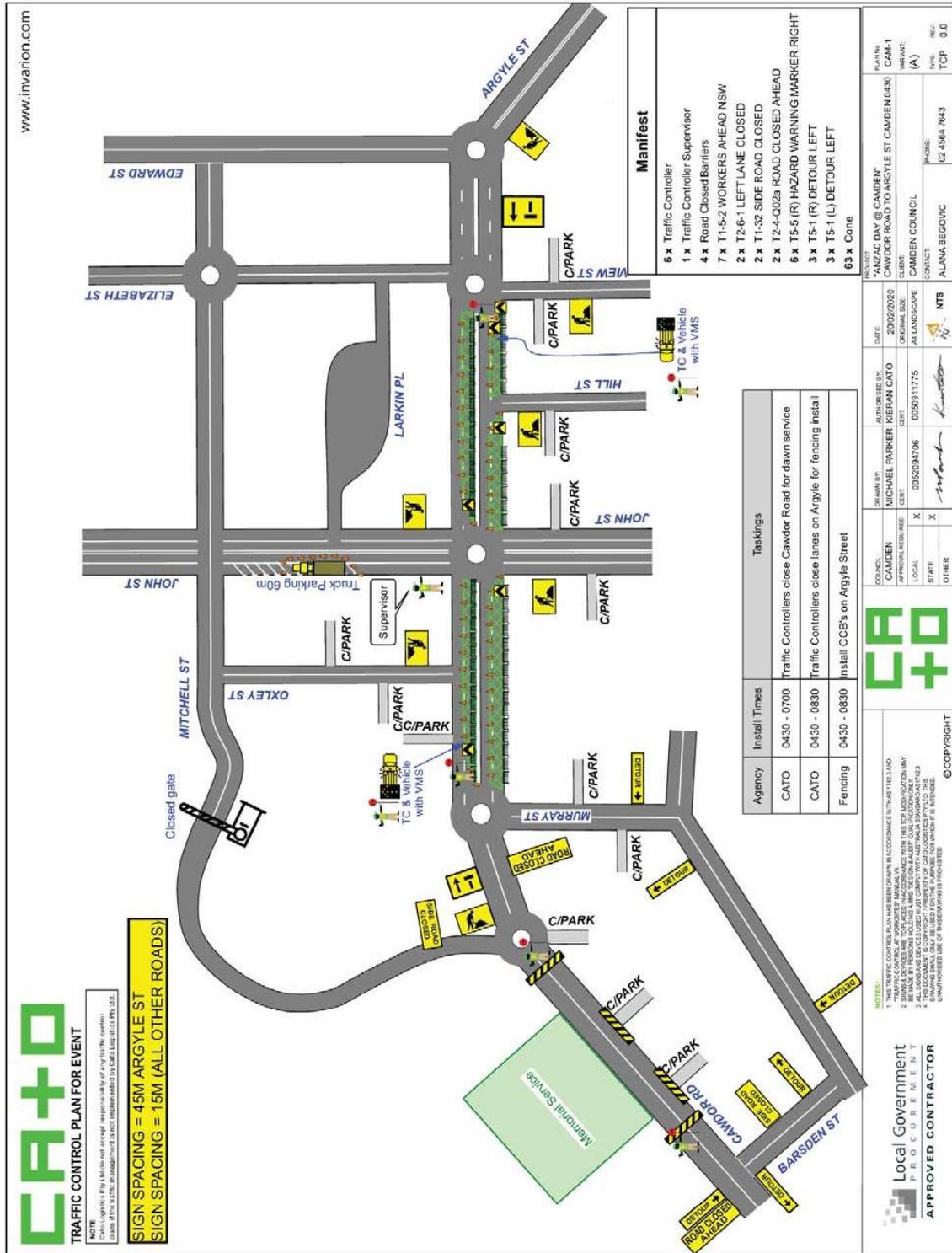
---

**RECOMMENDED**

**That Council receives and notes the report on Argyle Street/ Cawdor Road, Camden – Anzac Day 2020 Special Event Transport Management Plan.**

**ATTACHMENTS**

1. Transport Management Plan - Anzac Day 2020



**TRAFFIC CONTROL PLAN FOR EVENT**  
 NOTE: CATO, CAMDORP & PPTA DO NOT ACCEPT RESPONSIBILITY FOR ANY TRAFFIC CONTROL OPERATIONS THAT ARE NOT APPROVED BY CATO. THIS DOCUMENT IS THE PROPERTY OF CATO LOCATIONS SERVICES PTY LTD. UNAUTHORIZED USE OF THIS DOCUMENT IS PROHIBITED.  
 SIGN SPACING = 45M ARGYLE ST  
 SIGN SPACING = 15M (ALL OTHER ROADS)

**Taskings**

Agency	Install Times	Taskings
CATO	0930 - 1200	Traffic Controllers close Elizabeth, Argyle & Camdorp for parade
Fencing	0930 - 1030	Install final CCB's at intersections along Argyle Street
Parade	0930 - 1030	Parade assemble on Elizabeth St
CATO	0930 - 1030	Remove cones
Parade	1030 - 1100	Parade
CATO	1030 - 1100	Install cones after parade passes in preparation for fencing removal

**Manifest**

- 12 x Traffic Controller
- 1 x Traffic Controller Supervisor
- 12 x HVM vehicle
- 19 x Road Closed Barriers
- 3 x T1-5-2 WORKERS AHEAD NSW
- 4 x T1-32 SIDE ROAD CLOSED
- 9 x T2-4-Q02a ROAD CLOSED AHEAD
- 10 x Cone

**APPROVED CONTRACTOR**  
 Local Government  
 PROCUREMENT  
 © COPYRIGHT



---

## LOCAL TRAFFIC COMMITTEE

LTC16

**SUBJECT: CENTRAL AVENUE, ORAN PARK - CAMDEN CULTURES - TRAFFIC MANAGEMENT PLAN**

**FROM:** Manager Traffic, Depot & Building Services

**TRIM #:** 20/116413

---

**ELECTRONIC MEETING ITEM DATE: 6 March 2020**

### PURPOSE OF REPORT

To document approval previously provided by the Local Traffic Committee through an Electronic Meeting for signage and linemarking plans associated with the Camden Cultures event to be held on Saturday, 21 March 2020, from 4pm to 10pm.

### MAIN REPORT

This is to seek Local Traffic Committee Concurrence for the proposed Traffic Management Plans associated with the Camden Cultures event to be held on Saturday, 21 March 2020, from 4pm to 10pm.

The Camden Cultures is a symbol of the NSW Government's commitment to foster a society in which everyone can make a positive contribution to enhancing our community and economy and enjoy the benefits of a truly multicultural society. A program of events is celebrated throughout NSW during March.

The event will be held in Perich Park, Oran Park and does not include any road closures. However, if weather conditions dictate that Perich Park cannot be used for the event, stalls will then be set up on the roadway and other event activities will take place in the library and on the library forecourt and the following wet weather contingency will be implemented (**Attachment 1**):

- A full closure of Central Ave from Dairy Street to Dick Johnson Drive, from 1pm to 11.30pm with no Access for any vehicles other than Emergency Vehicles and store holders.
- Hostile vehicle mitigation (HVM) barriers will be placed at each entry point as noted on the TCPs.
- Traffic controllers will be provided onsite to assist with pedestrian and to provide direction to the most practical parking.

The measures proposed in the Traffic Management Plans are considered satisfactory to safely control pedestrian and vehicle movement during the course of the event. It is recommended that the event, with these associated contingency measures, is supported subject to the conditions listed below.



Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee
2020/17	<p>The Local Traffic Committee recommends that Council, if required due to inclement weather, approves the temporary closure of Central Avenue between Dairy Road and Dick John Johnson Drive, from 1pm to 11.30pm on Saturday 21 March 2020 as per the traffic management Plans for the Camden Cultures subject to:</p> <ul style="list-style-type: none"> <li>i. traffic management arrangements be implemented in accordance with the approved Special Event Transport Management Plan and associated certified Traffic Control Plans;</li> <li>ii. access for emergency vehicles be maintained at all times;</li> <li>iii. the organisers obtain NSW Police concurrence to the Special Event approval;</li> <li>iv. the organisers provide proof of a minimum \$20 million Public Liability Insurance Policy noting Council as an interested party;</li> <li>v. temporary signage associated with the Traffic Control Plan be installed and removed at the end of the event at no cost to Council;</li> <li>vi. traffic management arrangements are advertised in local newspapers, and on street signage a minimum of 7 days prior to the event; and</li> <li>vii. the organisers obtains a road occupancy permit from the Traffic Management Centre (TMC).</li> </ul>

This recommendation was supported unanimously by the four voting members.

This recommendation has been resolved by a Council Officer under Delegated Authority.

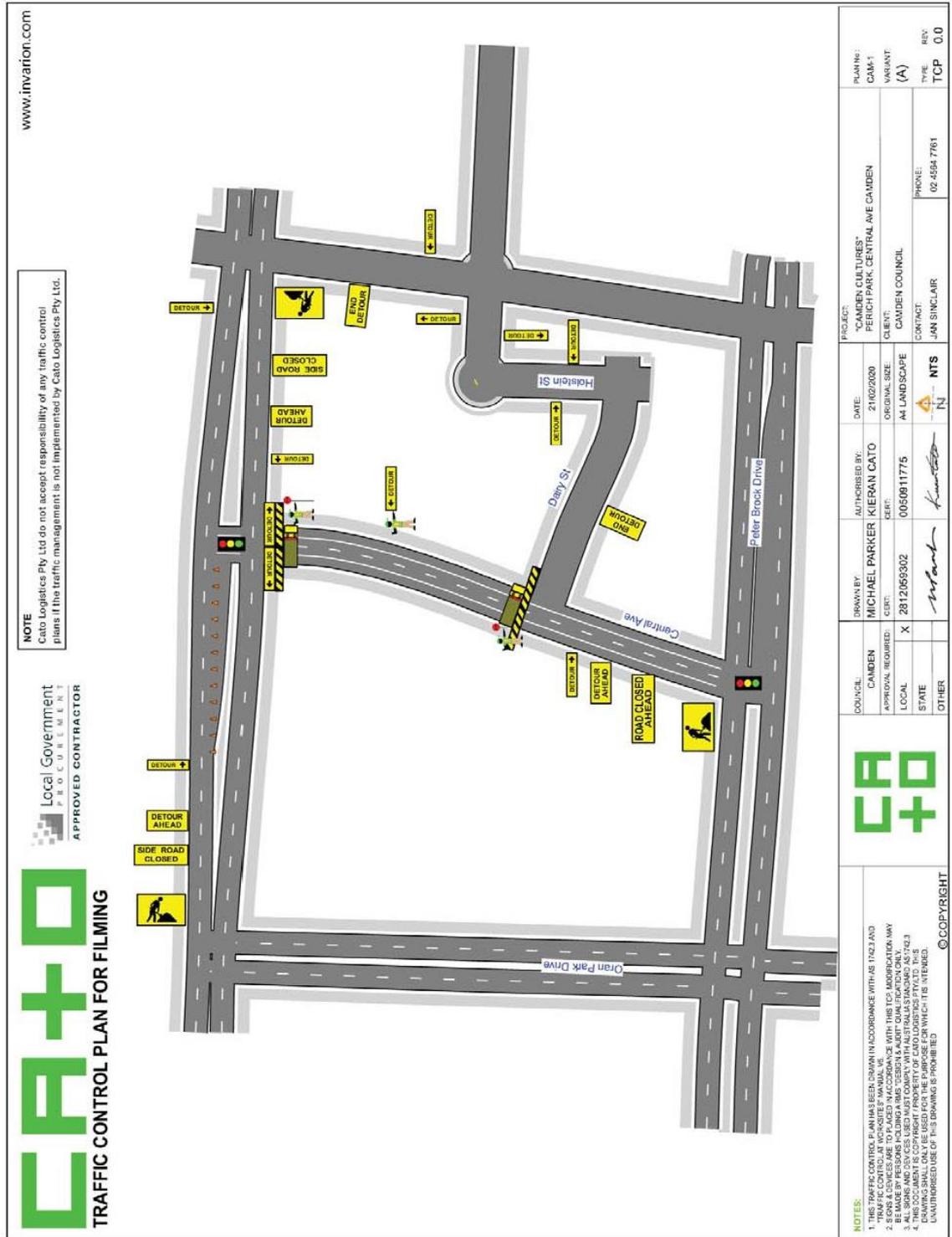
### **RECOMMENDED**

**That Council receives and notes the report on Central Avenue, Oran Park – Camden Cultures – Traffic Management Plan.**

### ATTACHMENTS

1. Attachment 1 - Central Avenue - Camden Cultures - Traffic Management Plan





---

## LOCAL TRAFFIC COMMITTEE

LTC17

**SUBJECT: BLUETT DRIVE / WALER CRESCENT INTERSECTION, SMEATON GRANGE - NO STOPPING RESTRICTIONS**

**FROM:** Manager Traffic, Depot & Building Services

**TRIM #:** 20/118718

---

**ELECTRONIC MEETING ITEM DATE: 6 March 2020**

### PURPOSE OF REPORT

To document approval previously provided by the Local Traffic Committee through an Electronic Meeting associated with Concerns about vehicles parked on the corner of Bluett Drive and Waler Crescent, Smeaton Grange.

### MAIN REPORT

Concerns have been raised by the NSW Police and Council's Ranger about vehicles parked on the corner of Bluett Drive and Waler Crescent, Smeaton Grange, which is restricting safe vehicle movements, especially heavy vehicles at this location (see images below). This creates road safety concerns.





In order to address this issue, it is proposed no stopping restrictions be installed as per attached sketch below.



Bluett Drive and Waler Crescent Corner up where the Council Depot is. The cars parking on this corner are making it very difficult for the buses to get out and heavy vehicles in both directions to negotiate the corner.

See photos from today and google map images attached.





<b>Electronic Meeting Reference</b>	<b>Agreed recommendation of the Local Traffic Committee</b>
2020/18	<p><b>The Local Traffic Committee recommends that Council approves, at Bluett Drive / Waler Crescent intersection, Smeaton Grange:</b></p> <ul style="list-style-type: none"> <li><b>i. 17 metres of No Stopping signage (r5-400) on both sides of Waler Crescent; and</b></li> <li><b>ii. 10 metres of No Stopping signage (r5-400) on both sides of Bluett Drive.</b></li> </ul>

This recommendation was supported unanimously by the four voting members.

This recommendation has been resolved by a Council Officer under Delegated Authority.

### **RECOMMENDED**

**That Council receives and notes the report on Bluett Drive / Waler Crescent Intersection, Smeaton Grange – No Stopping Restrictions.**





## LOCAL TRAFFIC COMMITTEE

LTC18

**SUBJECT: LITTLE STREET, CAMDEN - SIGNAGE AND LINE MARKING**  
**FROM:** Manager Traffic, Depot & Building Services  
**TRIM #:** 20/116502

**ELECTRONIC MEETING ITEM DATE: 20 March 2020**

### PURPOSE OF REPORT

To document approval previously provided by the Local Traffic Committee through an Electronic Meeting for signage and linemarking plans associated line marking at Little Street / Little Byrne Street intersection to assist in managing heavy vehicle traffic and parking.

### MAIN REPORT

Council has completed consultation for Little Street Good Neighbour Initiative incorporating the proposed centreline and edgeline marking in Little Street and Give Way sign and its associated line marking at Little Street / Little Byrne Street intersection to assist in managing heavy vehicle traffic and parking (**Attachment 1**). Two responses were received, with no objection to the traffic measures.

This measure has been proven effective in numerous other locations as it gives motorists a perception of a reduced travel lane, encouraging them to reduce speeds and it is recommended that the proposed measures be supported.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee
2020/19	<p><b>Local Traffic Committee recommends that Council approves in Little Street, Camden:</b></p> <ul style="list-style-type: none"> <li><b>i. Double barrier (BB) centrelines and edgelines (E1) from Barsden Street to Little Byrne Street; and</b></li> <li><b>ii. Give Way sign (r1-2), TB and TB1 at Little Street / Little Byrne Street intersection.</b></li> </ul>

This recommendation was supported unanimously by the four voting members.

This recommendation is planned to be considered as part of a broader report to Ordinary Council on **Landuse Conflicts in Little Street, Camden**.

### RECOMMENDED

**That Council receives and notes the report on Little Street, Camden – Signage and Linemarking**

## ATTACHMENTS

1. Attachment 1 - Little Street, Camden - Signage and Linemarking Plan





Camden Council  
 70 Central Ave  
 ORAN PARK NSW 2570  
 Telephone: 02 4654 7777  
 Fax: 02 4654 7829  
 Email: [mail@camden.nsw.gov.au](mailto:mail@camden.nsw.gov.au)

Map Scale: 1:1300  
 Projection: GDA94 / MGA zone 56  
 Date: 18/03/2019 10:28 AM



DISCLAIMER: This map has been prepared from Council records by the Land Information Section. If you intend to rely on this information you should have it verified first. Camden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.





# LOCAL TRAFFIC COMMITTEE

## LTC19

**SUBJECT: COPPER DRIVE, ORAN PARK - SIGNAGE, LINEMARKING AND DEVICES**

**FROM:** Manager Traffic, Depot & Building Services

**TRIM #:** 20/118806

**ELECTRONIC MEETING ITEM DATE: 20 March 2020**

### PURPOSE OF REPORT

To document approval previously provided by the Local Traffic Committee through an Electronic Meeting for signage and linemarking plans associated with the with a subdivision of Oran Park, Tranche 34.

### MAIN REPORT

A signage and line marking plan has been received by Council for the construction of Copper Drive associated with a subdivision of Oran Park, Tranche 34. The Location is highlighted on **Attachment 1**. This relates to the Development Application number: DA/2018/1413/1.

The Engineering Drawing No. 82016098-03-C3051, Rev. 2 prepared by Calibre Consulting provides details of the proposed signage and line marking (**Attachments 2**). The plan is considered to be in accordance with Austroads, Australian Standards and RMS supplements for the placement of regulatory signage and line marking and it is recommended that LTC supports the proposed measures.

<b>Electronic Meeting Reference</b>	<b>Agreed recommendation of the Local Traffic Committee</b>
2020/20	<p><b>The Local Traffic Committee recommends that Council approves, in Copper Drive, Oran Park the regulatory signs and line marking associated with the subdivision of Oran Park, Tranche 34 as shown on the Engineering Drawing No. 82016098-03-C3051, Rev. 2 subject to:</b></p> <ul style="list-style-type: none"> <li><b>i. Bidirectional Hazard marker (D4-2-3) at the end Copper Drive being replaced with Obstruction Marker (D4-5);</b></li> <li><b>ii. The installation being completed by the applicant at their cost;</b></li> <li><b>iii. All signage being sign size A; and</b></li> <li><b>iv. Street lighting levels for intersection and devices being in accordance with Australian Standard AS/NZS 1158, subject to further Council approval of the lighting design.</b></li> </ul>

This recommendation was supported unanimously by the four voting members.

This recommendation has been resolved by a Council Officer under Delegated Authority.



### **RECOMMENDED**

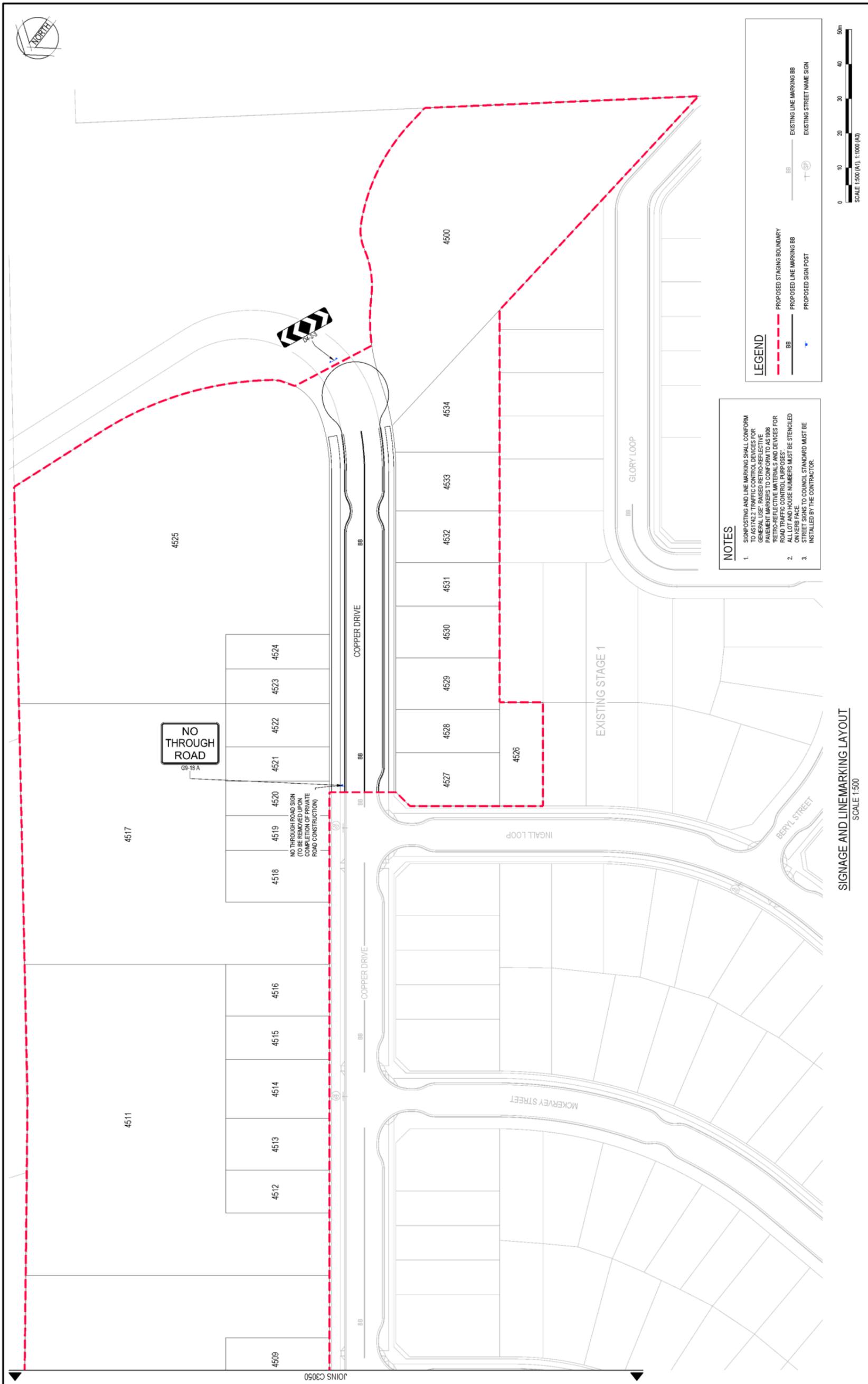
**That Council receives and notes the report on Copper Drive, Oran Park – Signage, Linemarking and Devices.**

#### ATTACHMENTS

1. Attachment 1 - Location
2. Attachment 2 - Engineering Drawing - Proposed Signage and Linemarking







<p><b>GREENFIELDS Development Company</b></p> <p>Project: ORAN PARK SOUTH TRANCHE 34 STAGE 3 DETAILED DESIGN SIGNAGE AND LINEMARKING LAYOUT PLAN SHEET 2 OF 2</p>		<p><b>FOR APPROVAL</b> FOR CONSTRUCTION PURPOSES WHEN STAMPED</p> <p>DATE: 22/08/2019 SCALE: 1:500 SIZE: A1</p> <p>Drawing Number: 82016098-03-C3051 Revision: 2</p>
<p>Client: GREENFIELDS DEVELOPMENT COMPANY Project: ORAN PARK SOUTH TRANCHE 34 STAGE 3 DETAILED DESIGN SIGNAGE AND LINEMARKING LAYOUT PLAN SHEET 2 OF 2</p>	<p>Date: 22/08/2019 Checked: JMS Designed: BAH Drawn: JMS Title: CSH Approved: CSH</p>	<p>© Cardno Limited All Rights Reserved. This document is produced by Cardno Limited solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno Limited does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.</p>
<p><b>GREENFIELDS Development Company</b></p>	<p><b>Cardno</b></p> <p>Cardno (NSW/ACT) Pty Ltd   ABN 95 001 146 005 Ground Floor, 16 Burrell Street Wollongong NSW 2500 Tel: 02 4231 8600 Fax: 02 4238 8811 Web: www.cardno.com.au</p>	<p>DATE PLOTTED: 31 January 2020 1:04 PM BY: JACK WINWOOD-SMITH</p>



## LOCAL TRAFFIC COMMITTEE

**LTC20**

**SUBJECT: VERDANT DRIVE, GLEDWOOD HILLS - SIGNAGE, LINEMARKING AND DEVICES**

**FROM:** Manager Traffic, Depot & Building Services

**TRIM #:** 20/126424

**ELECTRONIC MEETING ITEM DATE: 20 March 2020**

**PURPOSE OF REPORT**

To document approval previously provided by the Local Traffic Committee through an Electronic Meeting for signage and linemarking plans associated the development of Gledswood Hills, Stage 6.

**MAIN REPORT**

Signage and line marking plans have been received by Council for the construction of new roads associated with the development of Gledswood Hills, Stage 6. The Location is highlighted on **Attachment 1**. This relates to the development application numbers: DA/2019/20/1 and DA/2018/837/2

The Engineering Drawing No. 701, 702 & 703 Rev.09 (project number: X14150.006) prepared by Brown Consulting provides details of the proposed signage and line marking (**Attachments 2**). The plans are considered to be in accordance with Austroads, Australian Standards and RMS supplements for the placement of regulatory signage and line marking and it is recommended that LTC supports the proposed measures.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee
2020/21	<p>The Local Traffic Committee recommends that Council on and in the vicinity of Verdant Drive, Gledswood Hills approves the regulatory signs and line marking associated with the development of Gledswood Hills, Stage 6 as shown on the Engineering Drawing No. 701, 702 &amp; 703 Rev.10 (project number: X14150.006) subject to:</p> <ul style="list-style-type: none"> <li>i. The installation being completed by the applicant at their cost;</li> <li>ii. All signage being sign size A;</li> <li>iii. Street lighting levels for intersection and devices being in accordance with Australian Standard AS/NZS 1158, subject to further Council approval of the lighting design; and;</li> <li>iv. Speed limit signage being referred to Roads and Maritime Services for approval.</li> </ul>

This recommendation was supported unanimously by the four voting members.



---

This recommendation has been resolved by a Council Officer under Delegated Authority.

**RECOMMENDED**

**That Council receives and notes the report on Verdant Drive, Gledswood Hills – Signage, Linemarking and Devices.**

ATTACHMENTS

1. Attachment 1 - Location - Signage and Linemarking Plans
2. Attachment 2 - Engineering Drawing - Signage and Linemarking Plan



# GLEDSWOOD HILLS VERDANT

## ROAD & DRAINAGE DESIGN

### FOR CONSTRUCTION CERTIFICATE

#### Sheet List Table

No.	DESCRIPTION	TITLE
001	GENERAL NOTES	GENERAL NOTES
002	GENERAL ROAD BOUNDARIES	GENERAL ROAD BOUNDARIES
003	GENERAL EROSION CONTROL	GENERAL EROSION CONTROL
004	GENERAL SITE PLAN	GENERAL SITE PLAN
005	GENERAL ROAD CROSS SECTIONS	GENERAL ROAD CROSS SECTIONS
006	GENERAL INTERSECTION PLANS	GENERAL INTERSECTION PLANS
007	GENERAL SIGNAGE AND LINEMARKING	GENERAL SIGNAGE AND LINEMARKING
008	GENERAL DRAINAGE	GENERAL DRAINAGE
009	GENERAL UTILITIES	GENERAL UTILITIES
010	GENERAL CONSTRUCTION DETAILS	GENERAL CONSTRUCTION DETAILS



LOCALITY PLAN  
1:5000

LGA CAMDEN COUNCIL  
 LOT 41 DP 1247205  
 LOT 501 DP 1198628  
 DA 201/8837/2  
 DA 201/920/1

CLIENT:



GLEDSWOOD HILLS VERDANT  
 ROAD & DRAINAGE DESIGN

PROJECT NO:	XI4150.0006	DATE:	24/07/2019	SCALE:	0:00
DRAWN BY:	CC	CHECKED BY:	CC	DATE:	24/07/2019
PROJECT:	6	DATE:	24/07/2019	SCALE:	0:00

## Attachment 1

## LTC20





# GLEDSWOOD HILLS - VERDANT

## ROAD & DRAINAGE DESIGN

### FOR CONSTRUCTION CERTIFICATE



LOCALITY PLAN  
1:5000

LGA CAMDEN COUNCIL  
LOT 41 DP 1247205  
LOT 501 DP 1196628  
DA 2018/837/2  
DA 2019/20/1



CLIENT:



#### Sheet List Table

NO.	DRAWING TITLE
<b>GENERAL</b>	
000	COVER SHEET
001	STANDARD NOTES & LEGEND
002	GENERAL ARRANGEMENT PLAN
003	SHEET LAYOUT PLAN
<b>SEDIMENT &amp; EROSION CONTROL</b>	
101	BASIN CATCHMENT PLAN
102	SEDIMENT & EROSION CONTROL PLAN
103	SEDIMENT & EROSION CONTROL NOTES & DETAILS
104	SWALE DETAILS
<b>SITE REGRADING</b>	
201	SITE REGRADING PLAN SHEET 01 OF 05
202	SITE REGRADING PLAN SHEET 02 OF 05
203	SITE REGRADING PLAN SHEET 03 OF 05
204	SITE REGRADING SECTIONS SHEET 01 OF 05
205	SITE REGRADING SECTIONS SHEET 02 OF 05
206	SITE REGRADING SECTIONS SHEET 03 OF 05
207	SITE REGRADING SECTIONS SHEET 04 OF 05
208	SITE REGRADING SECTIONS SHEET 05 OF 05
<b>ENGINEERING PLAN</b>	
301	ENGINEERING PLAN SHEET 01 OF 08
302	ENGINEERING PLAN SHEET 02 OF 08
303	ENGINEERING PLAN SHEET 03 OF 08
304	LOT LAYOUT PLAN
<b>ROAD LONGITUDINAL SECTIONS</b>	
401	ROAD NO.2 (VERDANT DR) LONGITUDINAL & TYPICAL CROSS SECTIONS SHEET 01 OF 02
402	ROAD NO.2 (VERDANT DR) LONGITUDINAL & TYPICAL CROSS SECTIONS SHEET 02 OF 02
403	ROAD NO.2 (VERDANT DR) LONGITUDINAL & TYPICAL CROSS SECTIONS SHEET 03 OF 02
404	ROAD NO.2 (VERDANT DR) LONGITUDINAL & TYPICAL CROSS SECTIONS SHEET 04 OF 02
405	ROAD NO.2 (VERDANT DR) LONGITUDINAL & TYPICAL CROSS SECTIONS SHEET 05 OF 02
406	ROAD NO.2 (VERDANT DR) LONGITUDINAL & TYPICAL CROSS SECTIONS SHEET 06 OF 02
407	ROAD NO.2 (VERDANT DR) LONGITUDINAL & TYPICAL CROSS SECTIONS SHEET 07 OF 02
408	ROAD NO.2 (VERDANT DR) LONGITUDINAL & TYPICAL CROSS SECTIONS SHEET 08 OF 02
<b>ROAD CROSS SECTIONS</b>	
501	ROAD CROSS SECTIONS - ROAD NO.02 (VERDANT DR) SHEET 01 OF 04
502	ROAD CROSS SECTIONS - ROAD NO.02 (VERDANT DR) SHEET 02 OF 04
503	ROAD CROSS SECTIONS - ROAD NO.02 (VERDANT DR) SHEET 03 OF 04
504	ROAD CROSS SECTIONS - ROAD NO.02 (VERDANT DR) SHEET 04 OF 04
505	ROAD CROSS SECTIONS - ROAD NO.06 (ST ANHAM CT) SHEET 01 OF 04
506	ROAD CROSS SECTIONS - ROAD NO.06 (ST ANHAM CT) SHEET 02 OF 04
507	ROAD CROSS SECTIONS - ROAD NO.06 (ST ANHAM CT) SHEET 03 OF 04
508	ROAD CROSS SECTIONS - ROAD NO.06 (ST ANHAM CT) SHEET 04 OF 04
<b>INTERSECTION PLANS</b>	
601	INTERSECTION DETAILS KERB RETURNS No.601 & 602
602	INTERSECTION DETAILS KERB RETURNS No.603, 604, 605 & 606
603	INTERSECTION DETAILS KERB DEVELOPMENT No.607 & 608
604	DRIVEWAY ACCESS ROAD
<b>MISCELLANEOUS ROADWORKS PLAN</b>	
701	SIGNAGE AND LINEMARKING PLAN SHEET 01 OF 03
702	SIGNAGE AND LINEMARKING PLAN SHEET 02 OF 03
703	SIGNAGE AND LINEMARKING PLAN SHEET 03 OF 03
704	PAVEMENT PLAN
<b>DRAINAGE</b>	
801	CATCHMENT PLAN
802	DRAINAGE LONGITUDINAL SECTIONS DRAWING No.81 OF 05
803	DRAINAGE LONGITUDINAL SECTIONS DRAWING No.82 OF 05
804	DRAINAGE LONGITUDINAL SECTIONS DRAWING No.83 OF 05
805	DRAINAGE LONGITUDINAL SECTIONS DRAWING No.84 OF 05
806	DRAINAGE LONGITUDINAL SECTIONS DRAWING No.85 OF 05
811	DRAINAGE CALCULATIONS SHEET 01 OF 05
812	DRAINAGE CALCULATIONS SHEET 02 OF 05
813	DRAINAGE CALCULATIONS SHEET 03 OF 05
814	DRAINAGE CALCULATIONS SHEET 04 OF 05
815	DRAINAGE CALCULATIONS SHEET 05 OF 05
<b>BASIN DETAILS</b>	
900	BASIN NO.0 DETAIL PLAN
901	BASIN SECTIONS & BASIN ACCESS DETAILS
902	BASIN DETAILS SHEET 01 OF 02
903	BASIN DETAILS SHEET 02 OF 02
904	BASIN NO.8 DETAIL PLAN
<b>STRUCTURAL DETAILS</b>	
901	STANDARD STRUCTURAL FITS
910	RETAINING WALL PLAN SHEET 01 OF 08
911	RETAINING WALL PLAN SHEET 02 OF 08
912	RETAINING WALL PLAN SHEET 03 OF 08
913	RETAINING WALL NO.601 LONGITUDINAL SECTION
914	RETAINING WALLS NO.601 (CONCT), 602 & 608 LONGITUDINAL SECTIONS
915	RETAINING WALLS NO.601 (CONCT), 602 & 608 LONGITUDINAL SECTIONS
916	RETAINING WALLS NO.605 & 606 LONGITUDINAL SECTIONS
917	RETAINING WALLS NO.607 & 608 LONGITUDINAL SECTIONS
918	RETAINING WALL NO.610 LONGITUDINAL SECTION
919	RETAINING WALLS NO.611 & 612 LONGITUDINAL SECTIONS
920	RETAINING WALLS NO.613 & 615 LONGITUDINAL SECTIONS
921	RETAINING WALLS NO.616 & 617 LONGITUDINAL SECTIONS
922	RETAINING WALLS NO.618 & 619 LONGITUDINAL SECTIONS
923	RETAINING WALL NO.620 & 621 LONGITUDINAL SECTIONS
924	ROCK WALL NO.01 LONGITUDINAL SECTION SHEET 01 OF 02
925	RETAINING CHANNEL WALL NO.1 & 2
926	RETAINING WALL DETAILS
927	RETAINING WALL DETAILS
928	SPOT LEVEL PLAN SHEET 01 OF 03
929	SPOT LEVEL PLAN SHEET 02 OF 03
930	SPOT LEVEL PLAN SHEET 03 OF 03

## GLEDSWOOD HILLS - VERDANT

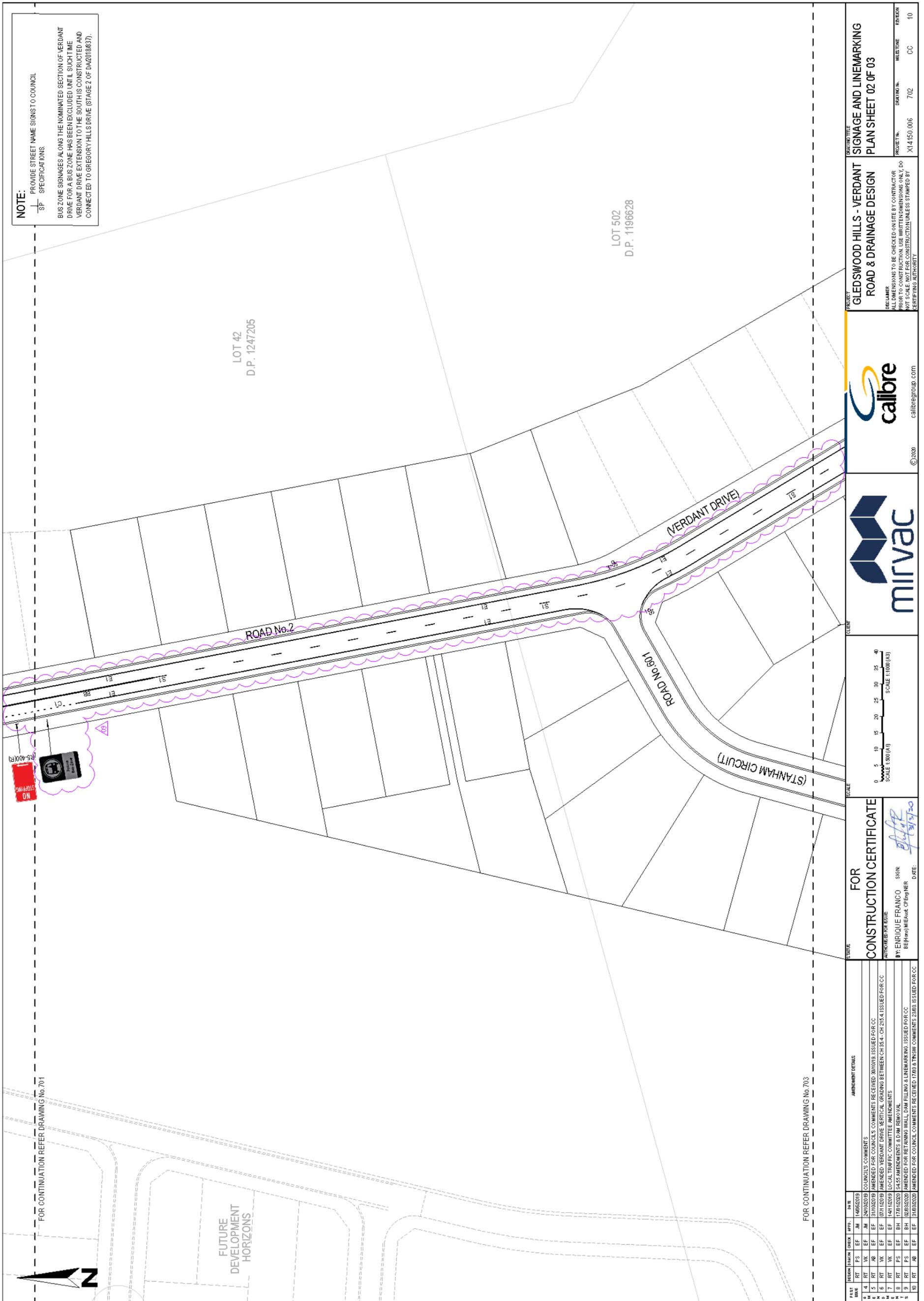
### ROAD & DRAINAGE DESIGN

Project No.: X14150.006  
Stage: 6  
Milestone: CC  
Revision No.: 000  
Drawing No.: 31/03/2020  
Revision: 10

### Attachment 2

### LTC20





**NOTE:**  
 PROVIDE STREET NAME SIGNS TO COUNCIL  
 SPECIFICATIONS.  
 BUS ZONE SIGNAGES ALONG THE NOMINATED SECTION OF VERDANT DRIVE FOR A BUS ZONE HAS BEEN EXCLUDED UNTIL SUCH TIME VERDANT DRIVE EXTENSION TO THE SOUTH IS CONSTRUCTED AND CONNECTED TO GREGORY HILLS DRIVE (STAGE 2 OF DA2018837).

LOT 42  
 D.P. 1247205

LOT 502  
 D.P. 1196628

FOR CONTINUATION REFER DRAWING No.701

FOR CONTINUATION REFER DRAWING No.703

FUTURE DEVELOPMENT HORIZONS

PROJECT TITLE <b>GLEDSWOOD HILLS - VERDANT ROAD &amp; DRAINAGE DESIGN</b>		SIGNAGE AND LINEMARKING PLAN SHEET 02 OF 03	
CLIENT GLEDSWOOD HILLS - VERDANT ROAD & DRAINAGE DESIGN		PROJECT NO. X14150.006	
DRAWING NO. 702		MILESTONE CC	
DATE 10		REVISION	

FOR CONSTRUCTION CERTIFICATE	
AUTHORIZED FOR ISSUE BY: ENRIQUE FRANCO BEHOLDING MIEAust. OF ENGINEER	SIGN DATE: 13/12/20

REV	NO.	DATE	DESCRIPTION
1	1	14/02/2019	COUNCIL COMMENTS
2	2	24/02/2019	COUNCIL COMMENTS RECEIVED. AMENDMENTS ISSUED FOR CC
3	3	27/02/2019	AMENDED FOR COUNCILS COMMENTS RECEIVED. AMENDMENTS ISSUED FOR CC
4	4	07/10/2019	AMENDED VERDANT DRIVE VERTICAL GRADING BETWEEN CH 32.4 - CH 215.4 ISSUED FOR CC
5	5	14/11/2019	LOCAL TRAFFIC COMMITTEE AMENDMENTS
6	6	17/01/2020	S455 AMENDMENTS & DM REMOVAL
7	7	02/03/2020	AMENDED FOR RETAINING WALL, DAM FILLING & LINEMARKING. ISSUED FOR CC
8	8	31/03/2020	AMENDED FOR COUNCIL COMMENTS RECEIVED. 1703 & TRSM COMMENTS 2303. ISSUED FOR CC



---

## **LOCAL TRAFFIC COMMITTEE**

### **LTC21**

**SUBJECT: STONE LANE AND BURFORD LANE, ELDERSLIE - PROPOSED NO PARKING**

**FROM:** Manager Traffic, Depot & Building Services

**TRIM #:** 20/118885

---

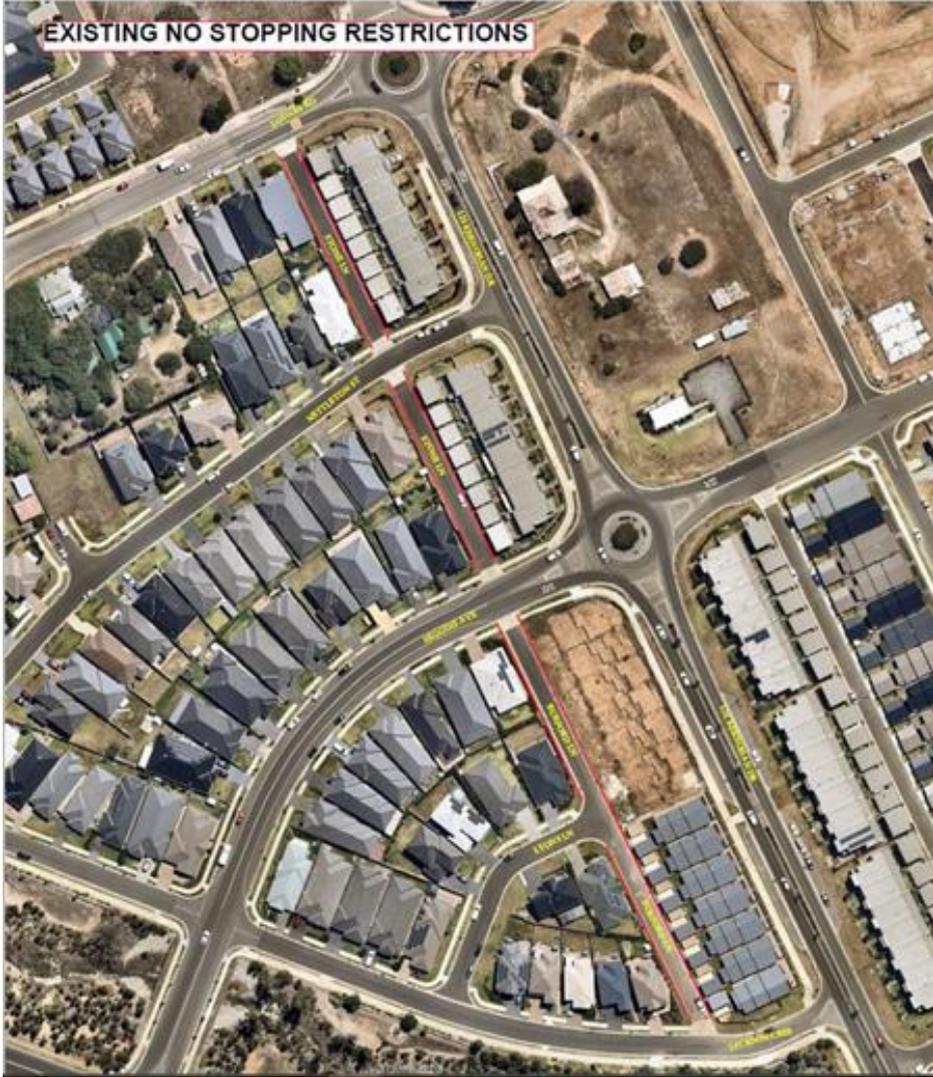
**ELECTRONIC MEETING ITEM DATE: 20 March 2020**

### **PURPOSE OF REPORT**

To document approval previously provided by the Local Traffic Committee through an Electronic Meeting associated with no stopping restrictions in Stone Lane and Burford Lane, Elderslie installed as part of the subdivision.

### **MAIN REPORT**

Concern has been raised regarding no stopping restrictions in Stone Lane and Burford Lane, Elderslie which were installed as part of subdivision to ensure these laneways are clear from parked vehicles during the waste collection day. However, due to the current restrictions, delivery vehicles have been required to stop illegally when delivering mail to residents in these laneways. In order to address this issue, it is proposed to change the current No Stopping to No Parking which will allow delivery vehicles to park/stop for up to two minutes while doing mail delivery. Sketches below show existing restrictions and proposed change.





<b>Electronic Meeting Reference</b>	<b>Agreed recommendation of the Local Traffic Committee</b>
<b>2020/22</b>	<b>The Local Traffic Committee recommends that Council approve, on the eastern side of Stone Lane and Burford Lane, Elderslie to remove and replace existing No Stopping restrictions (r5-400) with No Parking restrictions (r5-40). The No Parking restrictions shall be installed 10 metres from the tangent points of the intersections to maintain the 10 meters statutory distance of No Stopping restrictions.</b>

This recommendation was supported unanimously by the four voting members.

This recommendation has been resolved by a Council Officer under Delegated Authority.

**RECOMMENDED**

**That Council receives and notes the report on Stone Land and Burford Lane, Elderslie, Proposed No Parking.**



## LOCAL TRAFFIC COMMITTEE

LTC22

**SUBJECT: DICK JOHNSON DRIVE, ORAN PARK - SIGNAGE, LINEMARKING AND DEVICES**

**FROM:** Manager Traffic, Depot & Building Services

**TRIM #:** 20/118938

**ELECTRONIC MEETING ITEM DATE: 17 April 2020**

### PURPOSE OF REPORT

To document approval previously provided by the Local Traffic Committee through an Electronic Meeting for signage and linemarking plans associated with the extension of Dick Johnson Drive east of The Northern Road, Oran Park.

### MAIN REPORT

A signage and line marking plan has been received by Council for the extension of Dick Johnson Drive east of The Northern Road, Oran Park. The Location is highlighted on **Attachment 1**. This relates to the Development Application number: DA/2018/1124/1.

The Engineering Drawing No. 703, Rev. 0 (project number: L06002.159) prepared by Calibre Consulting provides details of the proposed signage and line marking (**Attachments 2**). The plan is considered to be in accordance with Austroads, Australian Standards and RMS supplements for the placement of regulatory signage and line marking and it is recommended that LTC supports the proposed measures.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee
2020/23	<p>The Local Traffic Committee recommends that Council approves, in Dick Johnson Drive, Oran Park the regulatory signs and line marking associated with the extension of Dick Johnson Drive, east of The Northern Road as shown on the Engineering Drawing No. 703, Rev. 0 (project number: L06002.159) subject to:</p> <ul style="list-style-type: none"><li>i. Bus Stop sign being removed;</li><li>ii. The installation being completed by the applicant at their cost;</li><li>iii. All signage being sign size A; and</li><li>iv. Street lighting levels for devices being in accordance with Australian Standard AS/NZS 1158, subject to further Council approval of the lighting design.</li></ul>

This recommendation was supported unanimously by the four voting members.

This recommendation has been resolved by a Council Officer under Delegated Authority.

### RECOMMENDED



---

**That Council receives and notes the report on Dick Johnson Drive, Oran Park – Signage, Linemarking and Devices.**

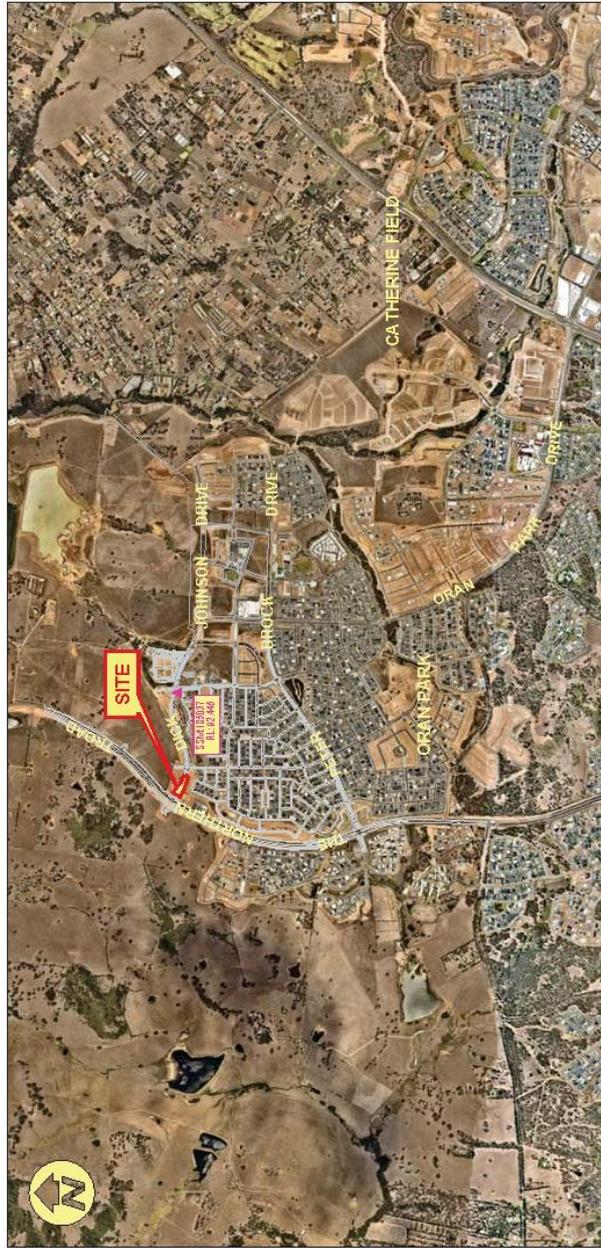
ATTACHMENTS

1. Attachment 1 - Location Signage and Linemarking Plan
2. Attachment 2 - Engineering Drawing - Signage and Linemarking Plan



# ORAN PARK DICK JOHNSON DRIVE DA04

FOR CONSTRUCTION CERTIFICATE



LOCALITY PLAN  
N.T.S.

LGA CAMDEN COUNCIL  
LOT 9064  
D.P. 1219771  
DA2018/1124/1

CLIENT:



**DRAWING LIST**

NO.	DESCRIPTION	TITLE
01	GENERAL	
02	COVER SHEET	
03	ORAN PARK SUBMITTAL	
04	ORAN PARK SUBMITTAL	
05	ORAN PARK SUBMITTAL	
06	ORAN PARK SUBMITTAL	
07	ORAN PARK SUBMITTAL	
08	ORAN PARK SUBMITTAL	
09	ORAN PARK SUBMITTAL	
10	ORAN PARK SUBMITTAL	
11	ORAN PARK SUBMITTAL	
12	ORAN PARK SUBMITTAL	
13	ORAN PARK SUBMITTAL	
14	ORAN PARK SUBMITTAL	
15	ORAN PARK SUBMITTAL	
16	ORAN PARK SUBMITTAL	
17	ORAN PARK SUBMITTAL	
18	ORAN PARK SUBMITTAL	
19	ORAN PARK SUBMITTAL	
20	ORAN PARK SUBMITTAL	
21	ORAN PARK SUBMITTAL	
22	ORAN PARK SUBMITTAL	
23	ORAN PARK SUBMITTAL	
24	ORAN PARK SUBMITTAL	
25	ORAN PARK SUBMITTAL	
26	ORAN PARK SUBMITTAL	
27	ORAN PARK SUBMITTAL	
28	ORAN PARK SUBMITTAL	
29	ORAN PARK SUBMITTAL	
30	ORAN PARK SUBMITTAL	
31	ORAN PARK SUBMITTAL	
32	ORAN PARK SUBMITTAL	
33	ORAN PARK SUBMITTAL	
34	ORAN PARK SUBMITTAL	
35	ORAN PARK SUBMITTAL	
36	ORAN PARK SUBMITTAL	
37	ORAN PARK SUBMITTAL	
38	ORAN PARK SUBMITTAL	
39	ORAN PARK SUBMITTAL	
40	ORAN PARK SUBMITTAL	
41	ORAN PARK SUBMITTAL	
42	ORAN PARK SUBMITTAL	
43	ORAN PARK SUBMITTAL	
44	ORAN PARK SUBMITTAL	
45	ORAN PARK SUBMITTAL	
46	ORAN PARK SUBMITTAL	
47	ORAN PARK SUBMITTAL	
48	ORAN PARK SUBMITTAL	
49	ORAN PARK SUBMITTAL	
50	ORAN PARK SUBMITTAL	
51	ORAN PARK SUBMITTAL	
52	ORAN PARK SUBMITTAL	
53	ORAN PARK SUBMITTAL	
54	ORAN PARK SUBMITTAL	
55	ORAN PARK SUBMITTAL	
56	ORAN PARK SUBMITTAL	
57	ORAN PARK SUBMITTAL	
58	ORAN PARK SUBMITTAL	
59	ORAN PARK SUBMITTAL	
60	ORAN PARK SUBMITTAL	
61	ORAN PARK SUBMITTAL	
62	ORAN PARK SUBMITTAL	
63	ORAN PARK SUBMITTAL	
64	ORAN PARK SUBMITTAL	
65	ORAN PARK SUBMITTAL	
66	ORAN PARK SUBMITTAL	
67	ORAN PARK SUBMITTAL	
68	ORAN PARK SUBMITTAL	
69	ORAN PARK SUBMITTAL	
70	ORAN PARK SUBMITTAL	
71	ORAN PARK SUBMITTAL	
72	ORAN PARK SUBMITTAL	
73	ORAN PARK SUBMITTAL	
74	ORAN PARK SUBMITTAL	
75	ORAN PARK SUBMITTAL	
76	ORAN PARK SUBMITTAL	
77	ORAN PARK SUBMITTAL	
78	ORAN PARK SUBMITTAL	
79	ORAN PARK SUBMITTAL	
80	ORAN PARK SUBMITTAL	
81	ORAN PARK SUBMITTAL	
82	ORAN PARK SUBMITTAL	
83	ORAN PARK SUBMITTAL	
84	ORAN PARK SUBMITTAL	
85	ORAN PARK SUBMITTAL	
86	ORAN PARK SUBMITTAL	
87	ORAN PARK SUBMITTAL	
88	ORAN PARK SUBMITTAL	
89	ORAN PARK SUBMITTAL	
90	ORAN PARK SUBMITTAL	
91	ORAN PARK SUBMITTAL	
92	ORAN PARK SUBMITTAL	
93	ORAN PARK SUBMITTAL	
94	ORAN PARK SUBMITTAL	
95	ORAN PARK SUBMITTAL	
96	ORAN PARK SUBMITTAL	
97	ORAN PARK SUBMITTAL	
98	ORAN PARK SUBMITTAL	
99	ORAN PARK SUBMITTAL	
100	ORAN PARK SUBMITTAL	

ORAN PARK  
DICK JOHNSON DRIVE DA04

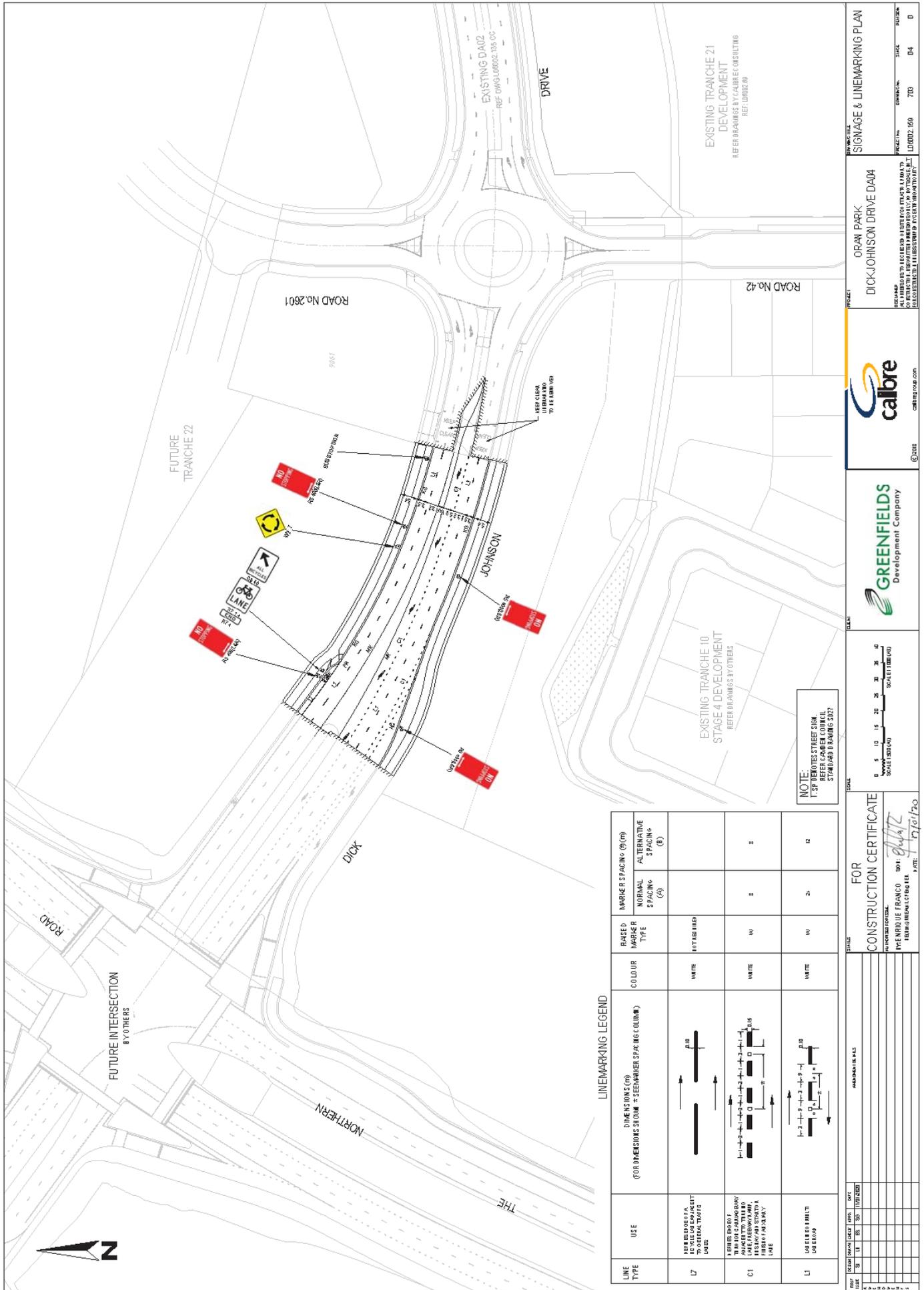
PROJECT NO.: L06002.169  
SHEET NO.: 04  
DATE: 17/01/2020  
SCALE: CC  
DRAWING NO.: 000  
REVISION NO.: 0

LTC22

Attachment 1

LTC22

Attachment 2



**LINEMARKING LEGEND**

LINE TYPE	USE	DIMENSIONS (D) (FOR DIMENSIONS SEE DIMENSIONS COLUMN)	COLOR	RAISED MARKER TYPE	MARKER SPACING (A)	ALTERNATIVE MARKER SPACING (B)
L7	REFERS TO A PAVED TO OTHER TRAFFIC LANE		WHITE	NOT RISE	100	100
C1	REFERS TO A PAVED TO OTHER TRAFFIC LANE WITH A PAVED TO OTHER TRAFFIC LANE		WHITE	W	100	100
L1	REFERS TO A PAVED TO OTHER TRAFFIC LANE		WHITE	W	100	100

**NOTE:**  
 TSP INDICATES STREET SIGN.  
 REFER TO THE DRAWING FOR THE STANDARD DIMENSIONS.

**FOR CONSTRUCTION CERTIFICATE**

DATE: 17/01/20  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]

**GREENFIELDS**  
 Development Company

**calbre**  
 calbre.co.za

**ORAN PARK**  
 DICK-JOHNSON DRIVE DATA

**SIGNAGE & LINEMARKING PLAN**

PROJECT NO: L0002.159  
 SHEET NO: 04  
 OF 04