

# Local Traffic Committee Business Paper

# **Committee Meeting 1 February 2022**

**MS Teams** 



### LOCAL TRAFFIC COMMITTEE 01 February 2022

Dear Sir/Madam

You are advised that the next Local Traffic Committee is scheduled for 1 February 2022, commencing at 9.30am at MS Teams/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 members 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

#### 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
ТСР	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



#### **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 7 December 2021

Local Traffic Committee Tuesday 1 February 2022

LTC01	Business Arising From The C	Committee's Last Rei	oort 5	ŝ
	Dusiness Ansing From The C			,

#### SIGNS, LINES & DEVICES

LTC02	Throsby Drive, Narellan Vale - Centre Lines At The Intersection With Waterworth Drive
LTC03	Lawson Road, Oran Park - One-Way Movement9
LTC04	Podium Way, Oran Park - No Stopping Restrictions At Schuppan Street And Centre Line-Marking
LTC05	Dalton Terrace, Harrington Park - Centre Line-Marking
LTC06	Bluett Drive, Smeaton Grange - No Stopping Across Busabout Depot Driveway
LTC07	Morton Terrace, Harrington Park - Centre Lines At The Intersection With Hibernia Place
LTC08	Mornington Grove, Gledswood Hills - Parking Restrictions
LTC09	Royal George Drive, Harrington Park - Centre Line-Marking
LTC10	Pekin Street, Spring Farm - Centre Line-Marking And No Stopping Signage
LTC11	Delaware Street, Spring Farm - Centre Lines And Give Way Treatment At Intersection With Bandara Circuit
LTC12	Olley Avenue, Oran Park - Timed No Stopping Restrictions Near Hollows Drive
LTC13	Rickard Road - Bus Zone Between Saturn Street And Moon Street
LTC14	Exeter Street, Camden - No Stopping Restrictions And Centre Lines At Elizabeth Street And Macquarie Grove Road
LTC15	The Hermitage Way, Gledswood Hills - Bus Zone Opposite Providence Drive
LTC16	Ingham Street, Spring Farm - Interim Road Closure At Henrietta Drive 59
LTC17	Cobbitty Road, Cobbitty - Indented Bus Bay At Cobbitty Public School 65



#### PERMANENT ITEMS

LTC18	Informal Items	. 68
LTC19	Local Behavioural Programs	71
ELECTRO	NIC MEETING ITEMS	
LTC20	Houghton Road, Gledswood Hills - Signage And Line-Marking Associated With Laneway	76
LTC21	Healy Avenue, Gregory Hills - Signage, Line-Marking And Devices Associated With Subdivision Of No. 123 Turner Road	81
LTC22	Emerald Hills Boulevard, Leppington - Bus Stops Between St Andrews Road And Friend Road	87
LTC23	Burton Road, Gregory Hills - Signage, Line-Marking And Devices Associated With The Subdivision Of No. 135 Turner Road	91
LTC24	Byron Road, Leppington - Signage, Line-Marking And Devices Associated With The Subdivision Of No. 56	97
LTC25	Passmore Avenue, Catherine Field - Signage, Line-Marking And Devices Associated With Subdivision Of Catherine Park Stage 8C	. 103
LTC26	Oxley Street, Camden - Temporary Suspension Of Parking Bays For NSW Electoral Commission	111
LTC27	Australian Red Cross Blood Service Donormobile Vehicle - Temporary Suspension Of Parking Bays In 2022	. 114
LTC28	The Rapids, The Cascades And Deep Pool Way, Mount Annan - Temporary No Stopping Restrictions	117
LTC29	Central Avenue, Oran Park - Signage, Line-Marking And Devices Associated With Leisure Centre	120
LTC30	Fordham Way, Oran Park - Signage, Line-Marking And Devices	. 125
LTC31	Olive Hill Drive, Cobbitty - Signage, Line-Marking And Devices Associated With Oxley Ridge Display Village	131
LTC32	The Hermitage Way / Gledswood Hills Drive, Gledswood Hills - Pedestrian Refuges With Associated Signage And Line-Marking	. 137
LTC33	Robert Ingham Drive, Catherine Field - Signage, Line-Marking And Devices Associated With Catherine Park Stage 9	. 147

#### **BUSINESS WITHOUT NOTICE**

# DATE OF NEXT LOCAL TRAFFIC COMMITTEE MEETING - TUESDAY 1 MARCH 2022

#### **INFORMAL ITEMS**



LTC01

# SUBJECT:BUSINESS ARISING FROM THE COMMITTEE'S LAST REPORTFROM:Director Community AssetsTRIM #:22/21121

The Local Traffic Committee report dated 14 October 2021 was presented to the Council meeting on 9 November 2021. Council adopted the Local Traffic Committee's recommendations without amendment.

Work instructions have been issued for all recommendations except Hollows Drive Children's Crossing, Spring Farm Zebra Crossing and Old Hume Highway Zebra crossing which require further design work.

Further community consultation requested through Item LTC02, regarding Olley Avenue, Oran Park, is addressed in this Agenda.

Concerns raised by Busabout through Item LTC13 about a bus stop in The Hermitage Way, Gledswood Hills, are addressed in this Agenda.

#### RECOMMENDED

That the adoption by Council of the Committee's recommendations dated 14 October 2021 be noted.



LTC02

# SUBJECT: THROSBY DRIVE, NARELLAN VALE - CENTRE LINES AT THE INTERSECTION WITH WATERWORTH DRIVE

FROM:Director Community AssetsTRIM #:21/582935

#### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the installation of centre lines on Throsby Drive at the intersection with Waterworth Drive.

#### BACKGROUND

Concern has been raised regarding motorists parking close to the intersection compromising safety. Line marking is proposed to help address the concerns.

#### MAIN REPORT

Throsby Drive is a local access road which measures 8 metres in width. The street has unrestricted parking throughout. Vehicles have been observed to be parked close to the intersection with Waterworth Drive, compromising safety particularly when vehicles traveling in opposite directions approach simultaneously.

To address parking concerns, it is proposed to implement double centre lines to legally restrict parking on the adjacent kerbside.

Consultation was undertaken with adjacent owners and occupants regarding the proposed line marking. No responses were received.

#### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

It is proposed that the cost of the installation be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2021/22 financial year at an approximate cost of \$800.

#### CONCLUSION

Concern has been raised regarding compromised safety associated with vehicles parked close to the intersection and it is recommended that double barrier centre lines be supported to address concerns.

#### RECOMMENDED

The Local Traffic Committee recommends that Council approves in Throsby Drive, Narellan Vale, 10 metres of double barrier (BB) centre lines from the intersection with Waterworth Drive.



#### ATTACHMENTS

1. Attachment 1

### Attachment 1

Attachment 1





Camden Council 70 Central Ave ORAN PARK NSW 2570 Telephone: 02 4654 7777 Emoil: mail@comden.new.gov.au Subject Site

Throsby Dr, Narellan Vale 23469/2021



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.



LTC03

SUBJECT:LAWSON ROAD, ORAN PARK - ONE-WAY MOVEMENTFROM:Director Community AssetsTRIM #:21/448792

#### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for one-way traffic movement along Lawson Road, Oran Park.

#### BACKGROUND

Concerns have been raised about traffic circulation around Burramurra Public School. One-way traffic movement in Lawson Road is proposed to help address the issues.

#### MAIN REPORT

Lawson Road is part of a new sub-division in Oran Park, situated adjacent to Barramurra Public School, off Battersby Avenue. It is a loop road, of varying width between 7.4 and 9.5 metres. Parking is unrestricted but not legally permissible around the two bends due to double barrier centre lines (see **Attachment 1**). The road was constructed at the same time as the school. Since subdivision, houses have started to be constructed, not yet evident in the aerial images. The extension of Battersby Avenue southwards is currently under development. The school opened in January 2021 for junior years.

Motorists will park along both sides of Lawson Road, particularly during school pick-up and drop-off times and result in traffic flow issues as vehicles traveling in opposite directions conflict. This issue will be exacerbated more so when houses are occupied and will likely impact on residents ability to access and egress their property as a result.

It is therefore proposed to alter the flow of traffic from two-way to one-way to alleviate issues associated with parking and traffic flow (see **Attachment 2**). The directional flow is proposed to be anti-clockwise to accommodate for Council waste vehicles.

Council has received correspondence from the school Parents and Citizens Committee concerned about conditions during school drop off and pick up times. The one-way proposal seeks to mitigate current and future traffic issues for the school community and local residents.

Consultation was undertaken with owners (including undeveloped lots) and occupiers. Two responses were received. One was in support and suggested it is a great idea. The second response opposed the proposal stating that it will create more traffic during school hours and that it will not be convenient for them, rather more of a hassle. As stated in this report the one-way treatment will assist in eliminating potential conflict associated with the existing two-way circulation. With vehicles restricted to traveling



one-way, traffic flow issues would be resolved as queuing associated with vehicles allowing each other to pass will be eliminated.

#### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

The works are estimated to cost \$2,500. It is proposed that the cost be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2021/22 financial year.

#### CONCLUSION

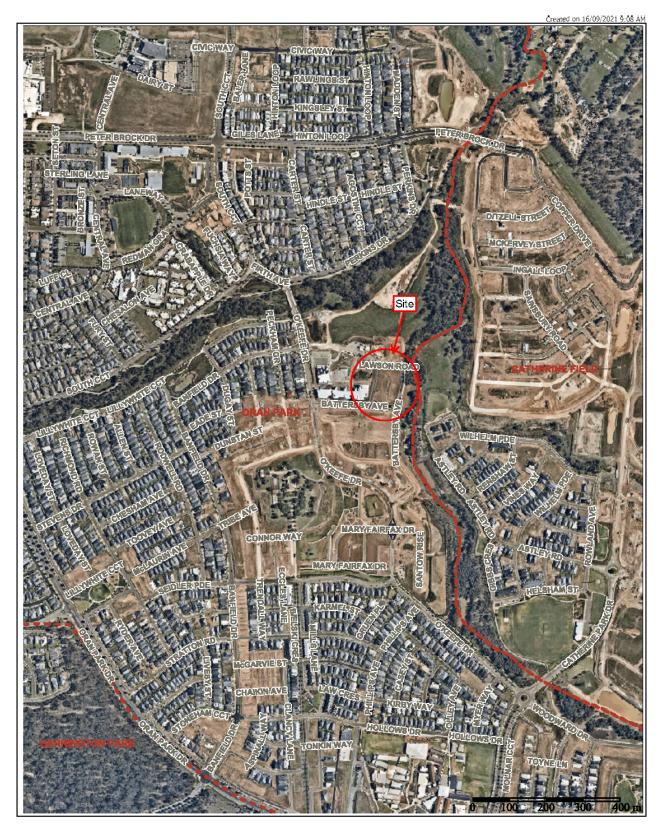
To address traffic flow concerns and traffic conflict it is proposed to make Lawson Road one-way. It is recommended that the Committee supports the treatment.

#### RECOMMENDED

The Local Traffic Committee recommends that Council approves in Lawson Road, Oran Park, conversion from two-way to one-way (anti-clockwise) movement.

ATTACHMENTS

- 1. Attachment 1 Lawson Road Location
- 2. Attachment 2 Lawson Road Plan





Camden Council 70 Central Ave ORAN PARK NSW 2570 Telephone: 02 4654 7777 Email: <u>mail@camden.nsw.gov</u> Subject Site

Lawson Road, Oran Park Location

Map Scale: 1:9028 Projection: GDA94 / MGA zone 56 Date: 16/09/2021 9:08 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.







Lawson Road, Oran Park



Camden Council 70 Central Ave ORAN PARK NSW 2570 Telephone: 02 4654 7777 Fax: 02 4654 7829 Emsil: <u>mail@camden.nsw.dov.au</u>

Map Scale: 1:850 Projection: GDA94 / MGA zone 56 Date: 16/02/2021 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: PODIUM WAY, ORAN PARK - NO STOPPING RESTRICTIONS AT SCHUPPAN STREET AND CENTRE LINE-MARKING FROM: Director Community Assets

**TRIM #:** 21/587532

#### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for No Stopping restrictions and centre line-marking in Podium Way, Oran Park.

#### BACKGROUND

Concern has been raised regarding vehicles parking close to the intersection of Podium Way and Schuppan Street, particularly during school pick-up times impeding sight lines at the intersection. Signed restrictions and line-marking are proposed to address this.

#### MAIN REPORT

Podium Way is a 13-metre-wide local collector road adjacent to the frontage of Oran Park High School between South Circuit and Oran Park Drive. The school has access for both pedestrians and vehicles from Podium Way. There is centre line-marking along most of the length.

During school pick up and drop off times, vehicles have been observed to park close to the eastern side of the intersection of Podium Way with Schuppan Street. This results in sightlines being obstructed for vehicles seeking to exit Schuppan Street. There are existing No Stopping restrictions along the western side of the intersection. There are also existing No Stopping restrictions at the next intersection with Shepherd Street.

It is proposed to implement to reinforce full-time No Stopping restrictions on the eastern side of the intersection, adjacent to the kerb extension in Schuppan Street and along Podium Way for the statutory 10 metres.

Consultation was undertaken with adjacent owners and occupants regarding the proposed No Stopping restrictions. No responses were received.

It is proposed to install 90 metres of double centre line, eastwards of the intersection with Shepherd Street for consistency along the street and to encourage slower speeds. There are currently no adjacent residences along this section of road.

#### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

It is proposed that the cost of the signage and line-marking be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2021/22 financial year at an approximate cost of \$1,000.



#### CONCLUSION

Following concerns about vehicles being parked close to the intersection of Podium Way and Schuppan Street impacting sight lines, it is recommended that the Committee supports the installation of No Stopping restrictions and centre line-marking.

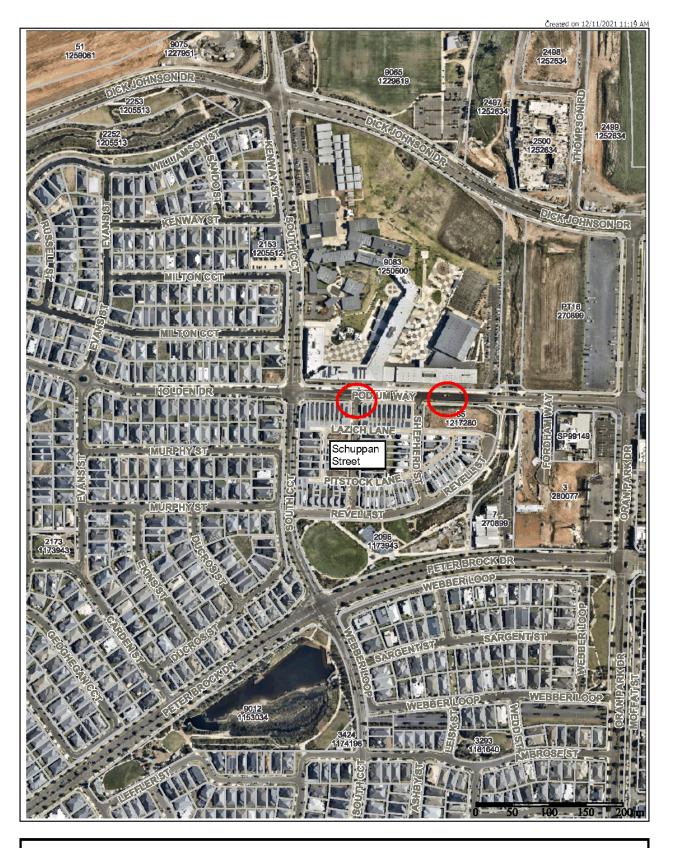
#### RECOMMENDED

The Local Traffic Committee recommends that Council approves in Podium Way, Oran Park:

- i. 10 metres of No Stopping restriction (R5-400 signage), eastwards of the intersection with Schuppan Street;
- ii. 15 metres of No Stopping restriction (R5-400 signage) along the eastern side of Schuppan Street, southwards; and
- iii. 90 metres of double barrier (BB) centre line-marking eastwards of the intersection with Shepherd Street.

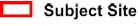
#### ATTACHMENTS

- 1. Attachment 1 Podium Way Location Plan
- 2. Attachment 2 Podium Way Signage Plan
- 3. Attachment 3 Podium Way Linemarking Plan





Camden Council 70 Central Ave ORAN PARK NSW 2570 Telephone: 02 4654 7777 Email: mail@comdet.com



Map Scale: Projection: Date:

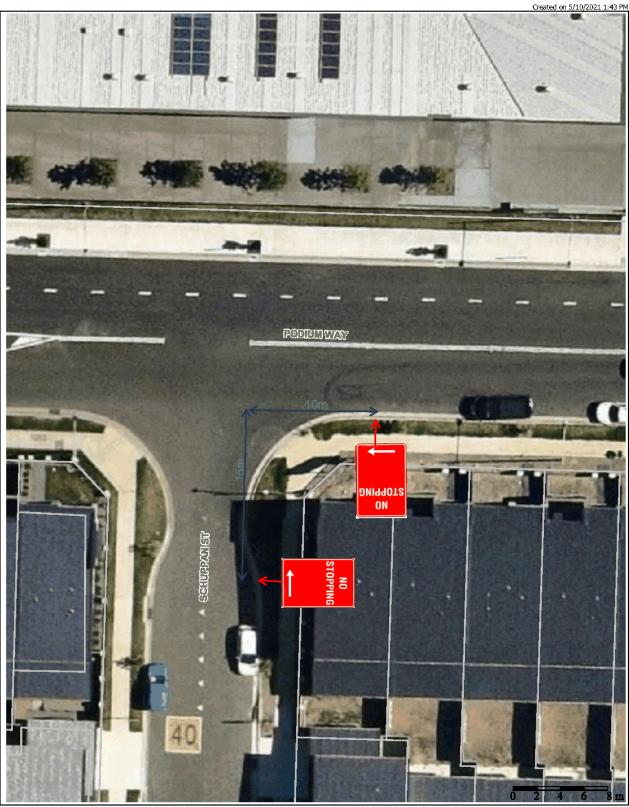
Location - Podium Way / Schuppan St, Oran Park

> 1:4514 GDA94 / MGA zone 56 12/11/2021 11:19 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 inst. Camden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.

Attachment 2





Camden Council 70 Central Ave ORAN PARK NSW 2570 Telephone: 02 4654 7777 Email: <u>mail@camden.nsw.cov.a</u> Subject Site

 Schuppan St, Oran Park

 28026/2021

 29700/2021

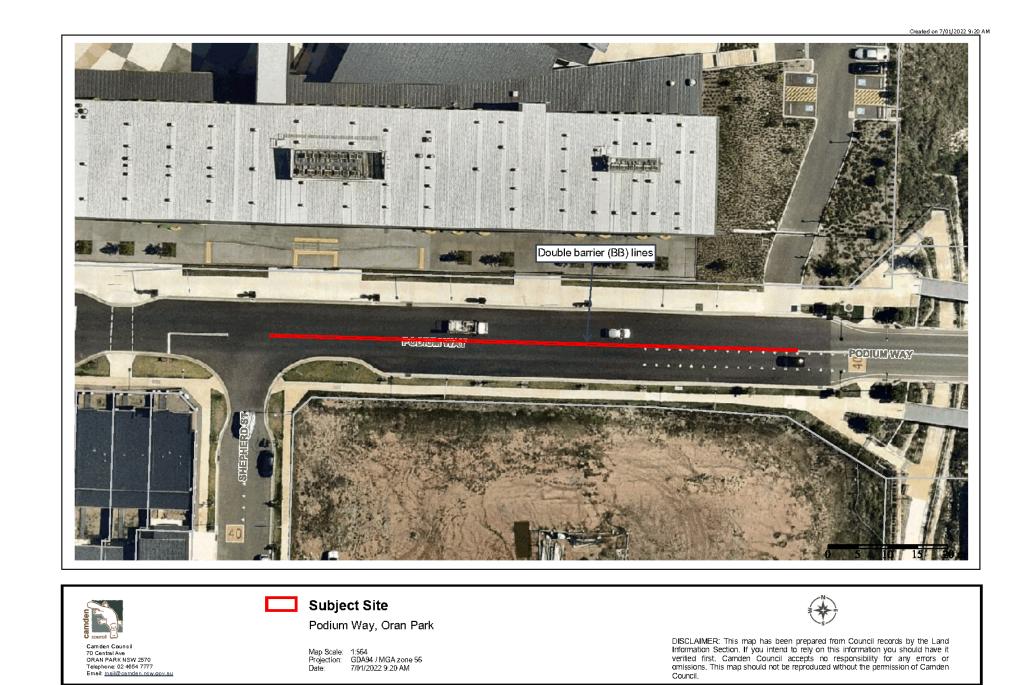
 Map Scale:
 1:282

 Projection:
 GDA94 / MGA zone 56

 Date:
 5/10/2021 1:43 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.



**Attachment 3** 



SUBJECT:DALTON TERRACE, HARRINGTON PARK - CENTRE LINE-MARKINGFROM:Director Community AssetsTRIM #:21/587658

#### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for centre lines at the curved section in Dalton Terrace, Harrington Park.

#### BACKGROUND

Concerns have been raised regarding motorist delineation and impeded lines of sight when traveling along the sharp horizontal curves in Dalton Terrace, Harrington Park. Line-marking is proposed to help address these concerns.

#### MAIN REPORT

Dalton Terrace Street is a local road which has varying width throughout, between 6.6 metres and 7.4 metres. There is unrestricted kerbside parking throughout.

Concerns have been raised about people driving on the wrong side of the road around the bend, south of Westwood Court. This is exacerbated by road layout and, at times, parking impeding sightlines and the travel lane width. To address these issues, it is proposed to implement double barrier centre lines at the bend. The lines will legally restrict parking on the adjacent kerbside.

Consultation was undertaken with adjacent owners and occupants regarding the proposed line marking. No responses were received.

#### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

It is proposed that the cost of the installation be funded from the TfNSW Block Grant (Traffic Facilities component) for the 2021/22 financial year at an approximate cost of \$1,000.

#### CONCLUSION

Concerns have been raised regarding impeded sightlines and delineation at the sharp bend and it is recommended that double barrier centre lines be supported to address the concerns.

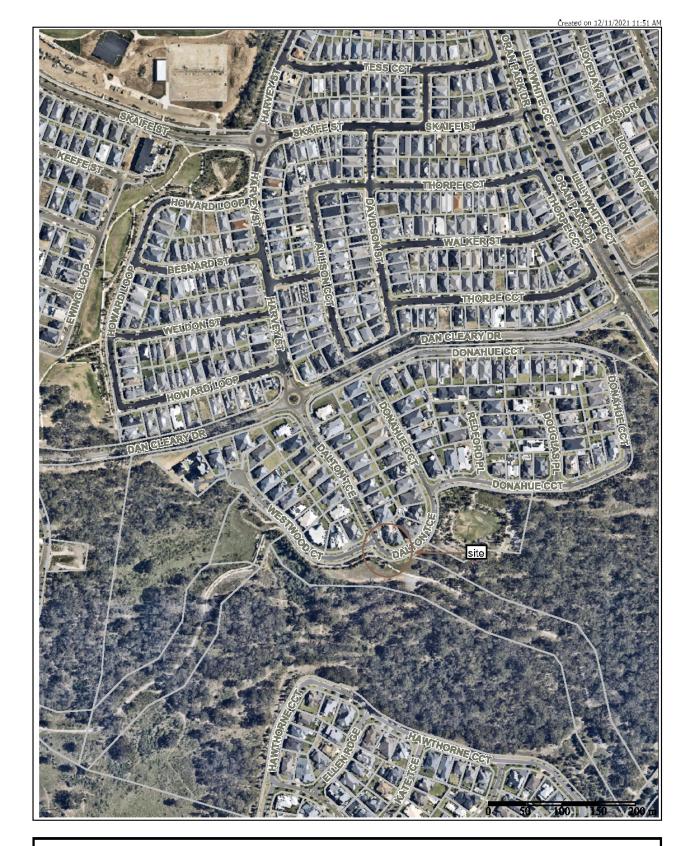
#### RECOMMENDED

The Local Traffic Committee recommends that Council approves in Dalton Terrace, Harrington Park, double barrier (BB) centre line-marking for 42 metres on the curve south of Westwood Court.



#### ATTACHMENTS

- 1. Attachment 1 Location
- 2. Attachment 2 Plan





Subject Site

Location map - Dalton Tce, Harrington Park

Map Scale: 1:4514 Projection: GDA94 / MGA zone 56 Date: 12/11/2021 11:51 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 of omissions. This map should not be reproduced without the permission of Camden Council.





n Čo uncii 70 Central Ave ORAN PARK NSW 2570 Telephone: 02 4654 7777 Email: mail@comtra Subject Site Dalton Tce, Harrington Park 28259/2021

> Map Scale: Projection: Date: 1:950 GDA94 / MGA zone 56 12/10/2021 2:12 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.



LTC06

#### SUBJECT: BLUETT DRIVE, SMEATON GRANGE - NO STOPPING ACROSS BUSABOUT DEPOT DRIVEWAY

FROM:Director Community AssetsTRIM #:21/603214

#### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for No Stopping restrictions across the Busabout depot driveway in Bluett Drive, Smeaton Grange.

#### BACKGROUND

Concern has been raised regarding vehicles parking close to the Busabout depot driveway, impeding buses entering and exiting the depot. Signed restrictions are proposed to address this.

#### MAIN REPORT

Bluett Drive and Waler Crescent in Smeaton Grange are 13-metre-wide industrial roads with double barrier centre lines on the curves. The Busabout depot is in the north-eastern corner of Bluett Drive where it becomes Waler Crescent, with a combined access/egress. Buses enter and exit the site throughout the day.

When vehicles are parked up to the driveway, buses are unable to enter and exit at the same time, causing a hazard. No Stopping restrictions are proposed to 5 metres beyond the edges the driveway to address this.

#### 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 2021/22 financial year at an approximate cost of \$300.

#### CONCLUSION

Following concerns about vehicles being parked close to the driveway of the Busabout depot, it is recommended that the Committee supports the installation of No Stopping restrictions.

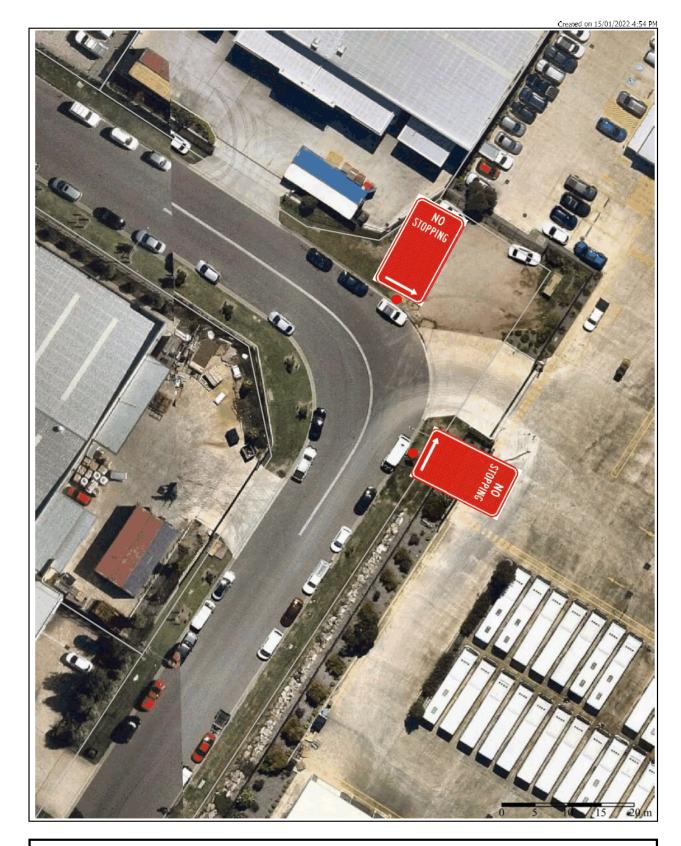
#### RECOMMENDED

The Local Traffic Committee recommends that Council approves in Bluett Drive, Smeaton Grange, No Stopping restrictions (R5-400 signage) across the Busabout depot driveway for 5 metres beyond each side.



#### ATTACHMENTS

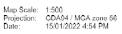
1. Attachment 1 - Bluett Drive Plan





Subject Site

Bluett Drive - Busabout Depot



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.



LTC07

# SUBJECT: MORTON TERRACE, HARRINGTON PARK - CENTRE LINES AT THE INTERSECTION WITH HIBERNIA PLACE

FROM:Director Community AssetsTRIM #:21/608052

#### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the installation of centre lines at the intersection with Hibernia Place.

#### BACKGROUND

Concern has been raised regarding driver behaviour and limited lines of sight when traveling along the sharp bend in Morton Terrace, Harrington Park. Line-marking is proposed to help address these concerns.

#### MAIN REPORT

Morton Terrace is local access road which measures 6 metres in width. The street has unrestricted parking throughout. Drivers have been observed approaching the bend unsafely, which is further exacerbated by parked vehicles compromising sightlines.

To address delineation and sightline concerns raised by residents, it is proposed to implement double barrier centre lines at the intersection. The lines will legally restrict parking on the adjacent kerbside.

Consultation was undertaken with adjacent owners and occupants regarding the proposed line making. One response was received. The response was in support of the proposal.

#### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

It is proposed that the cost of the installation be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2021/22 financial year at an approximate cost of \$800.

#### CONCLUSION

Concern has been raised regarding compromised sight lines and motorist delineation at the intersection and it is recommended that double barrier centre lines be supported to address the concerns.

#### RECOMMENDED

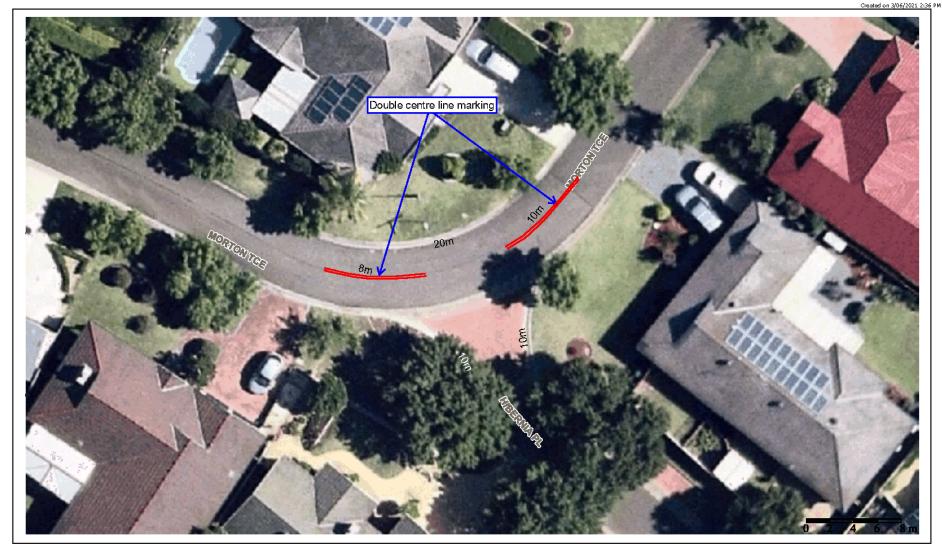
The Local Traffic Committee recommends that Council approves in Morton Terrace, Harrington Park, double barrier (BB) centre lines for 8 and 10 metres on



the western and eastern sides of the intersection with Hibernia Place, respectively.

#### ATTACHMENTS

1. Attachment 1 - Morton Terrace Plan



Page 27



Subject Site

Morton Terrace, Harrington Park 16438/2021

Map Scale: 1:282 Projection: GDA94 / MGA zone 56 Date: 3/06/2021 2:36 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.

Attachment 1



LTC08

# SUBJECT: MORNINGTON GROVE, GLEDSWOOD HILLS PARKING RESTRICTIONS Birector Community Assets Director Community Assets 1/608061

#### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the installation of parking restrictions along Mornington Grove, Gledswood Hills.

#### BACKGROUND

Concern has been raised regarding access to sites being restricted when vehicles are parked along the opposite side, also traffic flow is restricted when vehicles are parked along both sides of the road.

#### MAIN REPORT

Mornington Grove is a local road which measures 7.4 metres in width. The road is located near Gledswood Hills Public School and is utilised by motorists to park vehicles when picking up and dropping off children to the school.

Due to the width of the road, when vehicles are parked along both sides of the road, traffic flow and access to properties is constrained. It is therefore proposed to restrict parking along the northern side of the road, adjacent to the reserve, during school pick up and drop off periods. In this regard, it is proposed that No Parking (8am-9:30am; 2:30pm-4pm School Days) signage is implemented to address the concerns.

Consultation was undertaken with adjacent owners and occupants regarding the proposed No Parking restrictions. Four responses were received. Three supported the proposal with some providing commentary for consideration, detailed below. One response did not support the proposal.

One proposal requested some additional restrictions be implemented on the southern side of the road as parents park in a manner that blocks driveways. This is not supported at this time and is an enforcement matter as NSW Road Rules do not allow vehicles to obstruct driveways. This would also negatively impact residents parked outside their properties.

Consideration was requested for parking restrictions on approach to the bend. There are currently double barrier lines at the bend. NSW Road Rules prohibits parking adjacent to the line-marking.

A resident requested that parking restrictions are full-time and permanently restrict parking as the issue occurs whenever there are vehicles parked along both sides of the road and consideration should be given to indented parking bays. Peak parking demand and traffic flow in the road have been observed to occur during school pick up



and drop off periods. At this stage it is only proposed to have restrictions during these times. Council will continue to monitor the location.

The response which opposed the proposal stated that the restrictions would not solve the issue but will rather push the issue further along the road. The response also added that the location is well suited to accommodate parking for parents. From observations at other school sites, parents tend to park as close to the site as possible. Council will continue to monitor the site and activities and will address issues if they arise as a result.

#### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

It is proposed that the cost of signage be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2021/22 financial year at an approximate cost of \$1,800.

#### CONCLUSION

Following concerns regarding access and traffic flow being obstructed by parked vehicles, it is proposed to install timed No Parking (8am-9:30am; 2:30pm-4pm School Days) restrictions along the northern side of Mornington Grove.

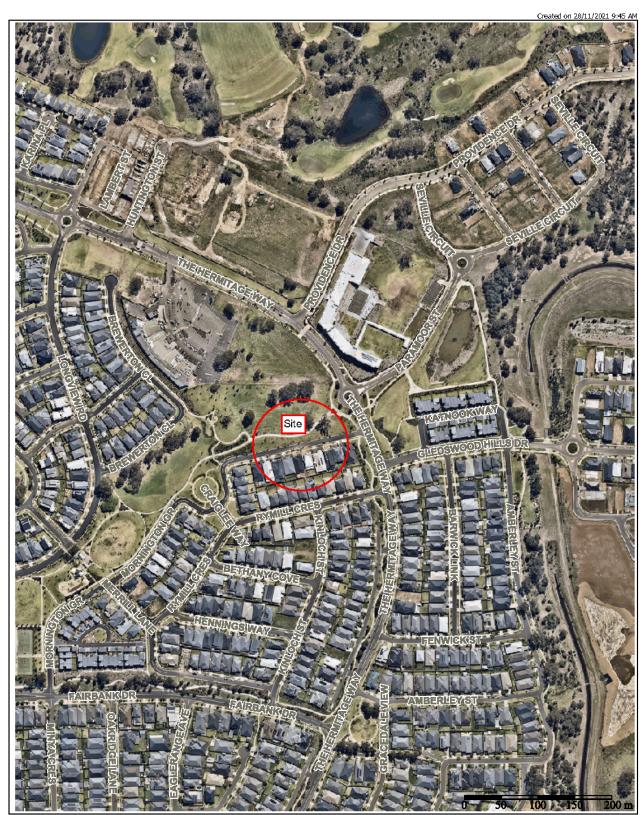
#### RECOMMENDED

The Local Traffic Committee recommends that Council approves in Mornington Grove, Gledswood Hills:

- i. 172 metres No Parking (8am-9:30am; 2:30pm-4pm School Days) (R5-41) signage along the northern side of Mornington Grove; and
- ii. No Stopping (R5-400) signage at the intersection with The Hermitage Way.

#### ATTACHMENTS

- 1. Attachment 1 Mornington Grove Location
- 2. Attachment 2 Mornington Grove Signage





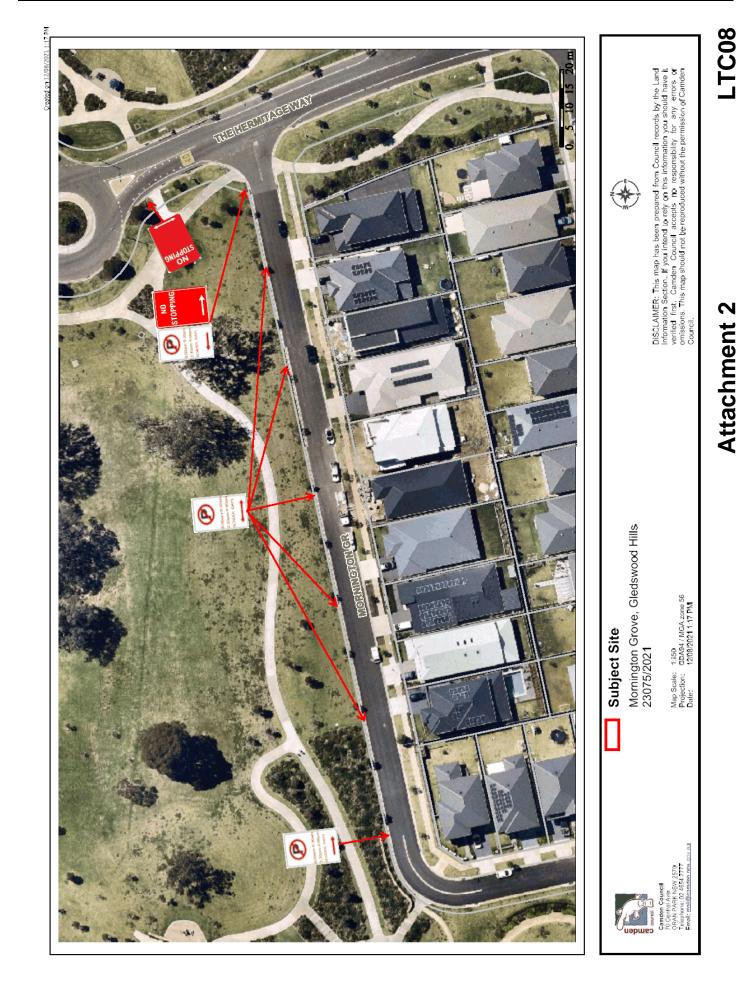


Camden Council 70 Centrel Ave ORAN PARK NSW 2570 Telephone: 02 4654 7777 Emsil: <u>mail@camden.nsw.gov.au</u>

Map Scale: 1:4514 Projection: GDA94 / MGA zone 56 Date: 28/11/2021 9:45 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.

Attachment 1 - Mornington Grove Location

LTC08





LTC09

# SUBJECT: ROYAL GEORGE DRIVE, HARRINGTON PARK - CENTRE LINE-MARKING FROM: Director Community Assets TRIM #: 21/618268

#### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the installation of centreline marking along Royal George Drive, Harrington park.

#### BACKGROUND

Concerns have been raised regarding motorists traveling at speed along Royal George Drive and not keeping to the left. Line-marking is proposed to address the issue.

#### MAIN REPORT

Royal George Drive is a 7.8-metre-wide primary access road in Harrington Park that runs between Hillside Drive and Harrington Parkway (see **Attachment 1**), parallel with Glenrowan Drive. There are several intermittent indented parking bays, east of The Boulevard. Parking is unrestricted and there is no line marking, except for a length of double barrier centreline approaching the roundabout at Harrington Parkway. It has a speed limit of 50km/h.

Seven-day speed and volume counts were undertaken in November 2021 indicating 85th percentile speeds of 53 km/h and an average daily volume of 1,762 vehicles.

To help address concerns the following is proposed (see Attachment 2 and Attachment 3):

- Separation line-marking (S1) along Royal George Drive;
- Edgelines (E4) lines bordering the roundabout splitter islands;
- Double barrier (BB) lines for 10 metres on approach to splitter islands; and
- Give Way (TB) lines at the roundabouts.

Public consultation has been undertaken with affected owners and occupiers and two written responses have been received.

One response questioned how line marking would improve traffic management with the road width not being able to allow vehicles to pass parked vehicles without crossing the line markings. The respondent also questioned how the proposed measure would control speeds of vehicles on the roundabout. The dashed line-marking encourages motorists to keep to the left. It is permissible to cross the line to pass parked vehicles however in this case the driver must give way to vehicles approaching in the opposite direction.





The second response objected to double barrier line-marking proposed, which would restrict adjacent parking at the T-intersection with Charker Drive. In response, the proposal has been amended at this location from barrier line-marking to continuous dashed centre line which would permit adjacent parking. Parking it is already not permissible within 10 metres of roundabouts and the double barrier marking at these locations is proposed to help ensure the roundabouts are not impeded.

These measures are considered warranted on safety grounds in accordance with design standards and best practice. They have been satisfactory incorporated along Glenrowan Drive.

#### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

The estimated cost of the recommended work is \$3,000. It is proposed that the cost be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2021/22 financial year.

#### CONCLUSION

Concerns have been raised regarding driver behaviour in Royal George Drive, Harrington Park, and it is recommended that the Committee supports line marking to help address the issues.

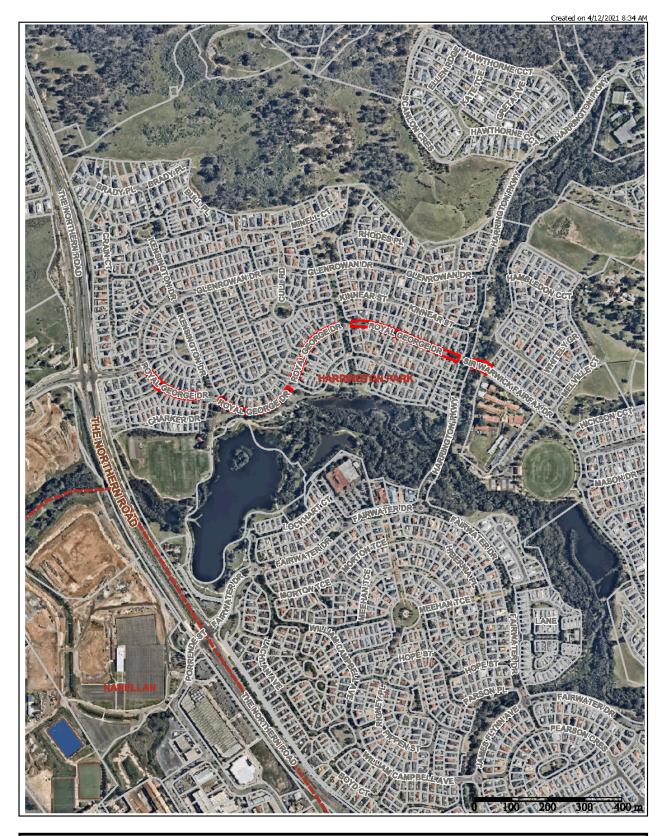
#### RECOMMENDED

The Local Traffic Committee recommends that Council approves in Royal George Drive, Harrington Park:

- i. Separation (S1) line-marking between Hillside Drive and Harrington Parkway;
- ii. Double barrier (BB) line-marking for 10 metres on the approach to each splitter island at roundabout intersections; and
- iii. Give Way (TB) lines and edge line-marking (E4) around the splitter islands at the roundabouts.

#### ATTACHMENTS

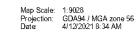
- 1. Attachment 1 Royal George Drive Location
- 2. Attachment 2 Royal George Drive Plan 1
- 3. Attachment 3 Royal George Drive Plan 2





Subject Site

Royal George Dr, Harrington Park



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 1



## **Attachment 3**

Attachment 3 - Royal George Drive Plan 2





Cam den Council 70 Central Ave ORAN PARK NSW 2570 Telephone: 02 4654 7777 Emeil: <u>mail@camden.nsw.gov.au</u> Subject Site

Royal George Dr, Harrington Park 29961/2020

Plan 2



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. Canden Council accepts no responsibility for any errors or omissions. This map should not be reproduced without the permission of Camden Council.



LTC10

## SUBJECT: PEKIN STREET, SPRING FARM - CENTRE LINE-MARKING AND NO STOPPING SIGNAGE

FROM:Director Community AssetsTRIM #:21/618290

#### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the installation of No Stopping signage and amendment to existing double centre lines along Pekin Street, Spring Farm.

#### BACKGROUND

Concern has been raised regarding parking along the southern side of Pekin Street adjacent to the open public space.

#### MAIN REPORT

Pekin Street is an 8-metre-wide local road in Spring Farm which runs adjacent to a public reserve along its southern section.

There is currently a 45-metre-long double barrier line around the bend, as a safety measure. Because of the width of the road, this legally restricts vehicles from parking adjacent to the kerb. Vehicles have been observed parking adjacent to the double barrier lines when attending the public open space.

To address the matter, it is proposed to reduce the double barrier lines by 5 metres along each end as the existing line-marking is longer than typically applied around bends. This will ensure availability of additional on-street parking spaces whilst maintaining the intent of the double barrier line, in terms of ensuring delineation of motorists along the bend. Supplementary No Stopping (R5-400) signage is proposed along the southern/eastern sides to reinforce the NSW Road Rules and deter motorists from continuing to park illegally.

Consultation was undertaken with adjacent owners and occupants regarding the proposal. Two responses were received.

One response opposed the reduction in length of the existing line-marking and requested consideration to signage along both sides of the road. The reduction of 5 metres is consistent with this treatment elsewhere is not considered a hazard. It would result in establishment of up to two additional car parking spaces, relieving some of the parking pressure. The consultation had not proposed signage on the northern/western side as the issue was reportedly occurring along the other side by people visiting the reserve. Further monitoring will be undertaken regarding the northern side of the bend.



The second response supported the reduction in the centreline length as it would ensure additional on-street parking spaces however objected to the signage being installed as they stated the placement of the sign would impact on their site, they also noted that there are no parking issues and raised concern regarding the aesthetics of signage - requesting consideration to yellow line-marking adjacent to the kerb. However yellow line-marking is a supplement rather than replacement for signage and is not considered warranted at this location.

#### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

It is proposed that the cost of the signage and line-marking be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2021/22 financial year at an approximate cost of \$1,000.

#### CONCLUSION

Following concern regarding motorists illegally parking vehicles adjacent to the double barrier lines in Pekin Street, it is recommended that the Committee supports reducing the existing double barrier lines and signing restrictions on the reserve side.

#### RECOMMENDED

The Local Traffic Committee recommends that Council approves in Pekin Street, Spring Farm:

- i. reduction of existing double centre lines around the bend by 5 metres at either end; and
- ii. No Stopping (R5-400 signage) on the southern/eastern side of the bend.

#### ATTACHMENTS

1. Attachment 1 - Pekin Street Plan





Camden Council 70 Central Ave ORAN PARK NSW 2570 Telephone: 02 4654 7777 Email: <u>mail@camden.nsw.gov.a</u>r Subject Site
 Pekin Street, Spring F

Pekin Street, Spring Farm 29079/2021

 Map Scale:
 1:564

 Projection:
 GDA94 / MGA zone 56

 Date:
 15/10/2021 9:24 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.



LTC11

# SUBJECT:DELAWARE STREET, SPRING FARM - CENTRE LINES AND GIVE<br/>WAY TREATMENT AT INTERSECTION WITH BANDARA CIRCUITFROM:Director Community AssetsTRIM #:21/618293

#### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for centre line-marking and give way treatment on Delaware Street, Spring Farm at the intersection with Bandara Circuit.

#### BACKGROUND

Community concerns have been raised regarding motorists not giving way at the intersection of Delaware Street at Bandara Circuit sightlines being impeded by parked vehicles. A give way treatment and line-marking are proposed to address this.

#### MAIN REPORT

Delaware Street in Spring Farm is 6.8 metres wide, and Bandara Circuit is 8 metres wide. The intersection of Delaware Street with Bandara Circuit is a modified T-intersection. Both roads have unrestricted parking, no line marking at this location and the default speed limit of 50km/h.

The priority at the modified T-intersection is unclear and is a factor in vehicles failing to give way on Delaware Street. It is therefore proposed to install a Give Way treatment at the intersection with 10 metre double barrier centre lines along all approaches. Because of the road widths of both Delaware Street and Bandara Circuit, the centre lines will restrict adjacent kerbside parking. This will also address concerns about parking too close to the intersection, impeding sight lines.

Consultation was undertaken with adjacent owners and occupants regarding the Give Way and centre line installation. No responses were received.

#### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

It is proposed that the cost of the signage and line marking be funded from The TfNSW Block Grant (Traffic Facilities component) for the 2021/22 financial year at an approximate cost of \$1,500.

#### CONCLUSION

Concerns have been raised regarding driver behaviour and parked vehicles at the intersection of Delaware Street with Bandara Circuit and it is recommended that the Committee supports the installation of the Give Way treatment and double barrier centre lines.





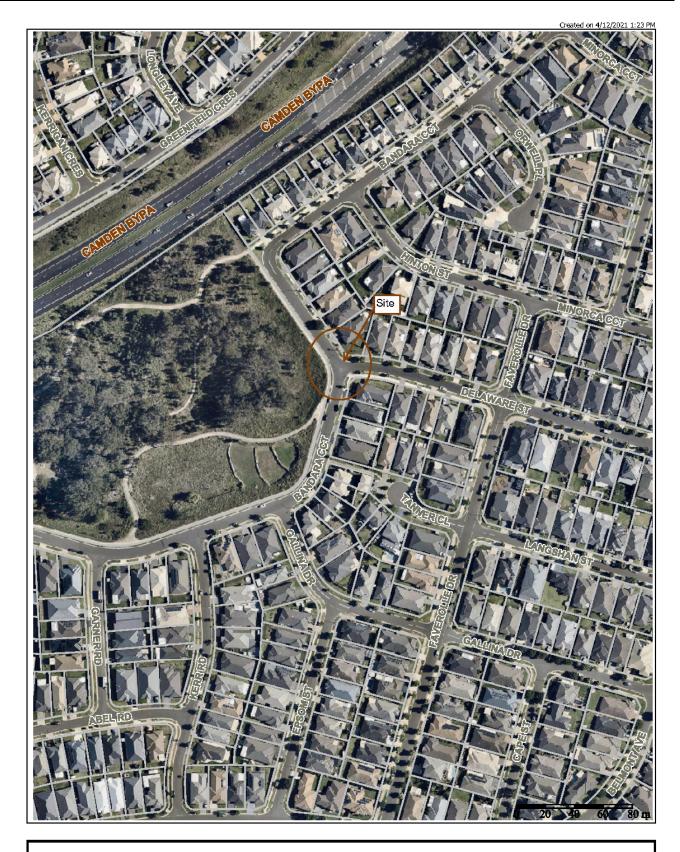
#### RECOMMENDED

The Local Traffic Committee recommends that Council approves in Delaware Street, Spring Farm, at the intersection with Bandara Circuit:

- i. Give Way (R1-2) signage, TB line and TB1 line; and
- ii. 10 metres of double barrier (BB) centrelines on each leg of the intersection.

#### ATTACHMENTS

- 1. Attachment 1 Delaware Street Location
- 2. Attachment 2 Delaware Street Plan







Delaware St, Spring Farm



Camden Council 70 Central Ave ORAN PARK NSW 2570 Telephone: 02 4654 7777 Emsil: <u>mail@camden.nsw.cov.au</u>

 Map Scale:
 1:2257

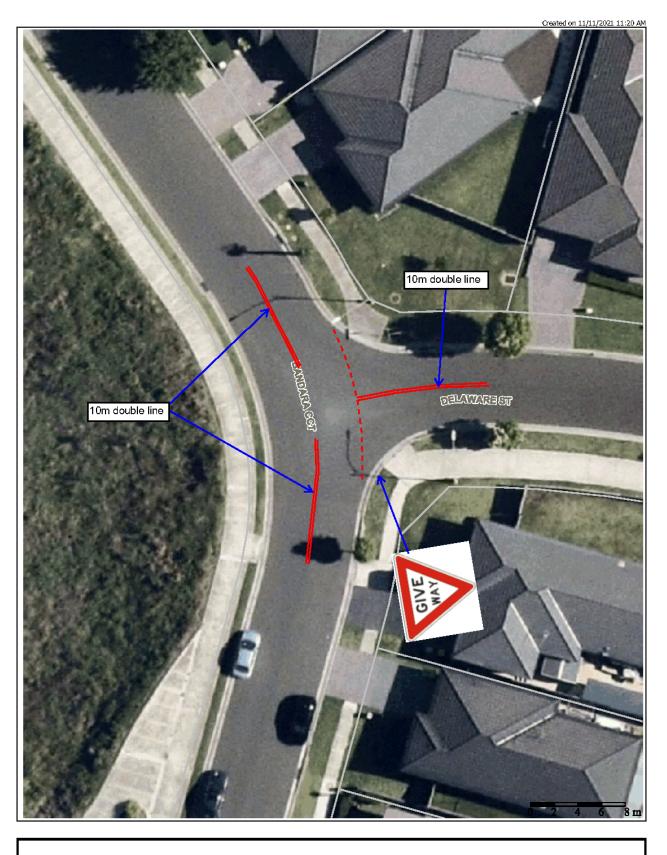
 Projection:
 GDA94 / MGA zone 56

 Date:
 4/12/2021 1:23 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.

LTC1







Subject Site

Camden Council 70 Central Ave ORAN PARK NSW 2570 Telephone: 02 4654 7777 Emsil: <u>mail@camden.nsw.cov.au</u> Bandara Cct, Spring Farm 31613/2021

 Map Scale:
 1:282

 Projection:
 GDA94 / MGA zone 56

 Date:
 11/11/2021 11:20 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.



LTC12

SUBJECT: OLLEY AVENUE, ORAN PARK - TIMED NO STOPPING RESTRICTIONS NEAR HOLLOWS DRIVE

FROM:Director Community AssetsTRIM #:21/618297

#### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for timed No Stopping restrictions in Olley Avenue, Oran Park.

#### BACKGROUND

Concern has been raised regarding traffic flow and impact on access for residents when vehicles are parked along both sides of Olley Avenue, particularly during school pick-up and drop-off times. Timed restrictions are proposed to address the issue.

#### MAIN REPORT

Olley Avenue is a 7.4-metre-wide local road in Oran Park located in close proximity to St Benedicts Catholic College and St Justins Catholic Primary School. There are existing No Stopping restrictions at the intersection of Olley Avenue with Hollows Drive. Concern has been raised regarding traffic flow issues and ability of residents to enter and egress their driveway due to vehicles parking along both sides particularly during school pick-up and drop-off periods.

It is proposed to implement timed No Stopping restrictions along a section of the eastern side to accommodate traffic flow and queuing at the intersection with Hollows Drive.

As recommended by the Local Traffic Committee on 14 October 2021, consultation has been undertaken with affected owners and occupants. Three responses were received. One response supported the proposal in its entirety. Two respondents supported the proposal but requested further extension of the restrictions, as follows. One respondent requested the same restrictions to be implemented on the western side of Olley Avenue and the other requested they be implemented along Hollows Drive.

Regarding the request along Hollows Drive, the Local Traffic Committee recently approved the installation of a children's crossing in the location requested. This treatment incorporates the associated kerbside restrictions. Regarding the request to extend the restrictions along the western side of Olley Street, Council will continue to monitor the location and determine if additional measures are warranted.

#### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

The estimated cost of the recommended work is \$700. It is proposed that the cost be funded from the TfNSW Block Grant (Traffic Facilities component) for the 2021/22 financial year.



#### CONCLUSION

Concern has been raised regarding traffic flow and access issues along the southern section of Olley Avenue and it is recommended that the Committee supports timed restrictions.

#### RECOMMENDED

The Local Traffic Committee recommends that Council approves in Olley Avenue, Oran Park, timed No Stopping restrictions (8am-9:30am, 2:30pm-4pm School Days) on the eastern side for 55 metres, northwards from Hollows Drive.

#### ATTACHMENTS

- 1. Attachment 1 Olley Avenue Location
- 2. Attachment 2 Olley Avenue Plan





Subject Site

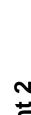
Olley Ave, Oran Park



Camden Council 70 Central Ave ORAN PARK NSW 2570 Telephone: 02 4654 7777 Emsil: <u>mail@camden.nsw.cov.au</u>

Map Scale: 1:4514 Projection: GDA94 / MGA zone 56 Date: 4/12/2021 4:34 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.





Attachment 2





## LTC13

#### SUBJECT: RICKARD ROAD - BUS ZONE BETWEEN SATURN STREET AND MOON STREET

FROM:Director Community AssetsTRIM #:21/648991

#### PURPOSE OF REPORT

To seek the concurrence of the Local Traffic Committee for a Bus Zone in Rickard Road, Leppington.

#### BACKGROUND

Council and Interline have assessed the need for an additional bus stop in Rickard Road, Leppington. It is proposed to supplement the bus stop with a Bus Zone.

#### MAIN REPORT

Kerb has been constructed along the north-western side of a section of Rickard Road associated with a new subdivision and new side roads, Saturn Street and Moon Street. Dedicated left turn lanes are provided to the side roads. No Stopping has been installed, associated with a new display village.

A new bus stop is proposed in this vicinity, to serve the growing community. **Attachment 1** shows a locality map. A Bus Zone is also proposed north-eastwards of the intersection with Moon Street (see **Attachment 1**), which will avoid conflict with the left turn lane into Saturn Street.

There are no properties currently in the vicinity.

#### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

The estimated cost of the recommended work is \$600. It is proposed that the cost be funded from the TfNSW Block Grant (Traffic Facilities component) for the 2021/22 financial year.

#### CONCLUSION

The need for Bus Zone has been identified in Rickard Road, Leppington, near Saturn Street and it is recommended that the Committee supports the measure.

#### RECOMMENDED

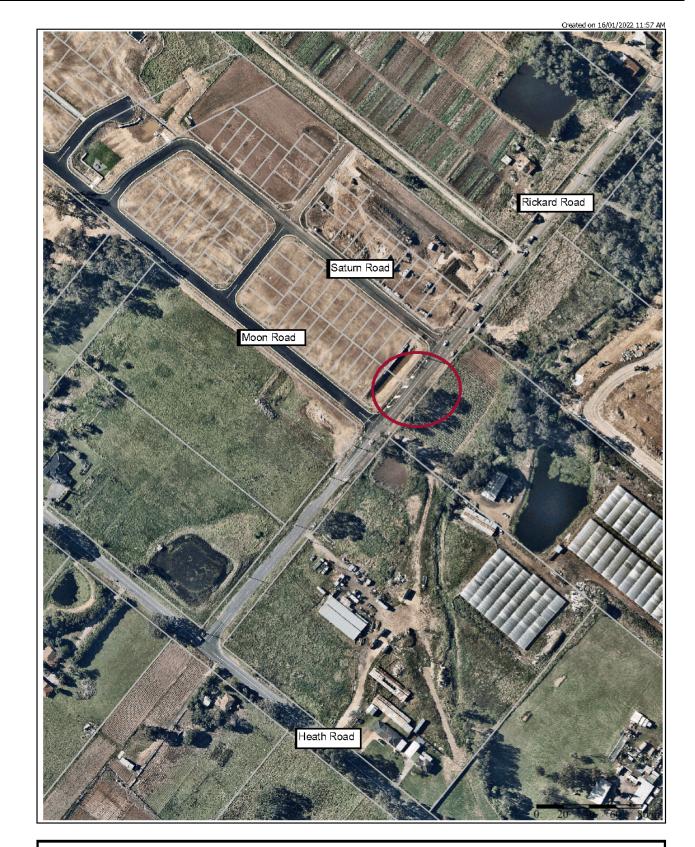
The Local Traffic Committee recommends that Council approves, in Rickard Road, Leppington, a Bus Zone (R5-20 signage) for 20 metres on the north-



## western side, from 10 metres north-eastwards of the intersection with Moon Street.

#### ATTACHMENTS

- 1. Attachment 1 Rickard Road Location
- 2. Attachment 2 Rickard Road Plan





Subject Site

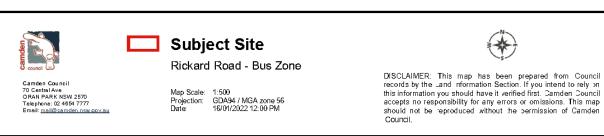
Rickard Road, Leppington



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.









LTC14

# SUBJECT: EXETER STREET, CAMDEN - NO STOPPING RESTRICTIONS AND CENTRE LINES AT ELIZABETH STREET AND MACQUARIE GROVE ROAD FROM: Director Community Assets TRIM #: 22/11989

#### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for No Stopping restrictions and centre lines in Exeter Street at the intersections with Elizabeth Street and Macquarie Grove Road.

#### BACKGROUND

Concerns have been raised about parking in Exeter Street, impeding intersections. Formal restrictions are proposed to address this issue.

#### MAIN REPORT

Macquarie Grove Road is one of the primary accesses to Camden town centre, predominantly to and from Elizabeth Street and Edward Street via a short section of Exeter Street. Exeter Street varies in width from 8 metres wide at Elizabeth Street to 10.6 metres wide, east of Macquarie Grove Road. Existing No Stopping restrictions were installed last year on the western corner of Elizabeth Street and Exeter Street as well as a dashed centre line on Exeter Street, west of that intersection. Traffic volumes are increasing with ongoing development in Camden and Kirkham.

Concerns have been raised about vehicles parked too close to the intersections, impeding sightlines. No Stopping restrictions and centre line-marking are proposed at the intersections to deter parking and improve delineation (see **Attachment 1**).

Consultation was undertaken with adjacent owners and occupants regarding the proposed No Parking restrictions. No responses were received.

#### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

It is proposed that the cost of signage be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2021/22 financial year at an approximate cost of \$3,000.

#### CONCLUSION

Following a review of the arrangement at the intersections of Exeter Street with Macquarie Grove Road and Elizabeth Street, No Stopping restrictions and centre lines are proposed and it is recommended the Committee supports the measures.



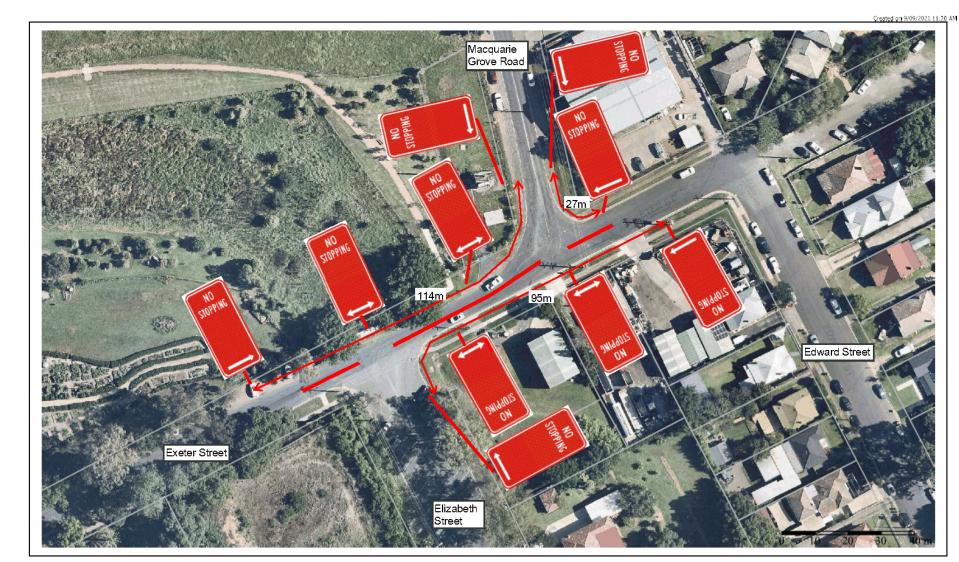
The Local Traffic Committee recommends that Council approves in Exeter Street, Camden, at the intersections with Elizabeth Street and Macquarie Grove Road:

- i. 14 metres of No Stopping (R5-400 signage) on the northern side;
- ii. 27 metres of No Stopping (R5-400 signage) on the northeast corner;
- iii. 95 metres of No Stopping (R5-400 signage) on the southern side; and.
- iv. 106 metres of doubler barrier (BB) centre lines with breaks at the intersections.

#### ATTACHMENTS

1. Attachment 1 - Exeter Street Plan

## Attachment 1



Page 54

Camden Council 70 Central Ave ORAN PARK NSW 2570 Telephone: 02 4654 7777 Emol: mol@comdon.nex.cov.au

#### Subject Site

Exeter Street / Macquarie Grove Road Intersection - Proposed No Stopping

Map Scale: 1:1000 Projection: GDA94 / MGA zone 56 Date: 9/09/2021 11:20 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: THE HERMITAGE WAY, GLEDSWOOD HILLS - BUS ZONE OPPOSITE PROVIDENCE DRIVE

LOCAL TRAFFIC COMMITTEE

FROM:Director Community AssetsTRIM #:21/634127

#### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for a Bus Zone in The Hermitage Way, Gledswood Hills.

#### BACKGROUND

Concern has been raised regarding vehicles parking at the bus stop on The Hermitage Way, opposite Gledswood Hills Public School. Relocation and Bus Zone signage is proposed to address the issue.

#### MAIN REPORT

At the meeting of the Local Traffic Committee on 14 October 2021, concern was raised by Busabout about vehicles parking in the bus stop in The Hermitage Way, opposite Gledswood Hills Public School to drop off and pick up students. This bus stop is primarily for general use with a Bus Zone in place on the school frontage for school services (see **Attachment 1**).

In response, the Committee was advised of a proposal late in October 2021 to install Bus Zone signage. However further discussion has since taken place with Busabout with concerns about the length of the existing stop. It is therefore proposed to relocate the stop 75 metres northwards and install Bus Zone signage (see **Attachment 2**).

The new location opposite Providence Drive has been purpose-build wider, longer and with a taper to accommodate buses serving the future town centre. Passengers can easily access the school cross by the road at the wombat crossing behind the bus stop. No frontages are impacted by the new location.

#### 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 2021/22 financial year at an approximate cost of \$600.

#### CONCLUSION

Following concerns about vehicles being parked in the bus stop in The Hermitage Way, it is recommended that the Committee supports the relocation and installation of Bus Zone signage.

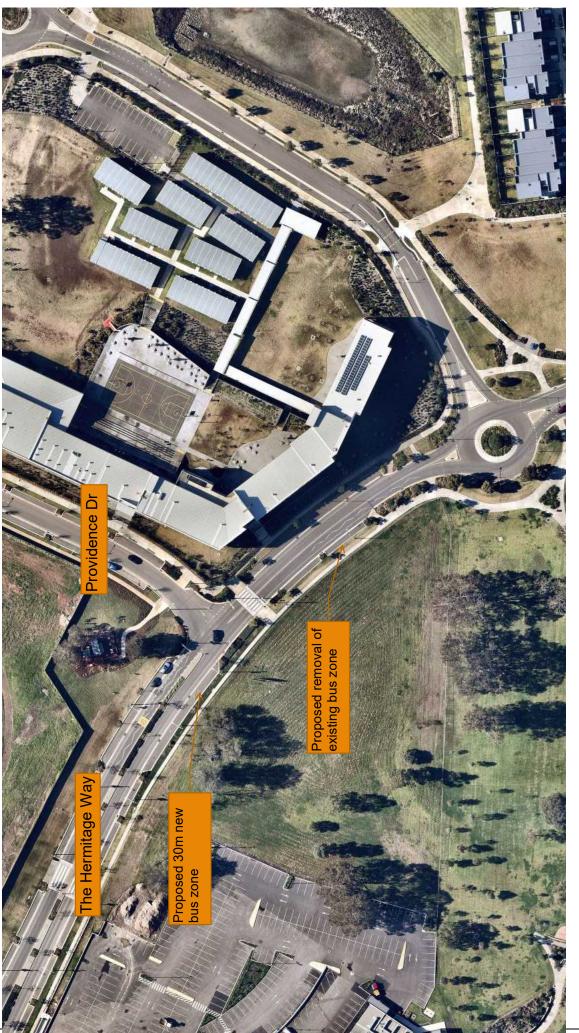


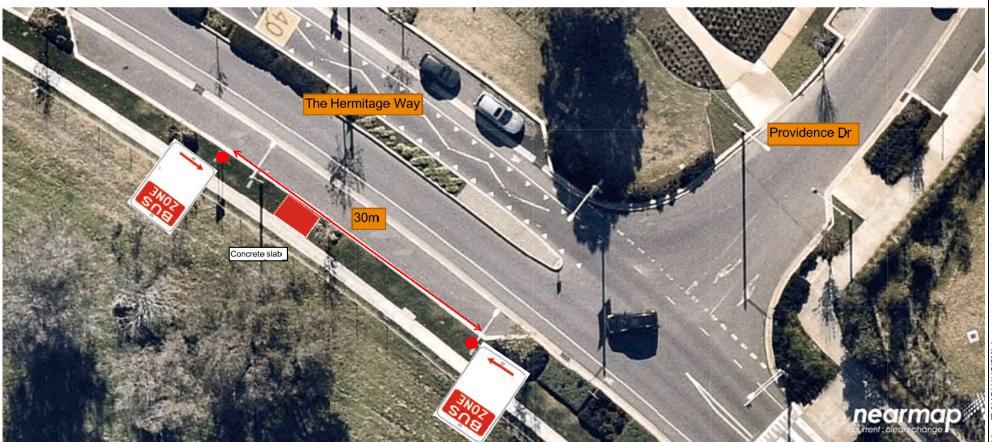
#### **RECOMMENDED**

The Local Traffic Committee recommends that Council approves in The Hermitage Way, Gledswood Hills, a Bus Zone (R5-20 signage) for 30 metres on the western side, opposite Providence Drive.

#### ATTACHMENTS

- 1. Attachment 1 The Hermitage Way Location
- 2. Attachment 2 The Hermitage Way





Page 58



LTC16

## SUBJECT: INGHAM STREET, SPRING FARM - INTERIM ROAD CLOSURE AT HENRIETTA DRIVE

FROM:Manager Open Space & SustainabilityTRIM #:22/15815

#### PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for an interim road closure in Ingham Street, Spring Farm.

#### BACKGROUND

Concerns have been raised regarding speeding between Ingham Street and Henrietta Drive. An interim road closure is proposed to address the issue whilst Council develops a longer term upgrade.

#### MAIN REPORT

Ingham Street is an 8-metre-wide local access road, constructed as part of the Spring Farm Urban Release Area. It was connected to Henrietta Drive, an existing 11-metre-wide local access road in Narellan Vale (see **Attachment 1**).

There have been ongoing reports of anti-social driver behaviour where the roads connect within a small park. Signage, line-marking and speed humps have been previously installed in response, but the issues are still prevalent with high speed vehicles continuing to lose control on the bend.

Council is therefore proposing to implement a temporary road closure between Ingham Street and Henrietta Drive. This is to remove through traffic and assist in addressing driver behaviour issues. The road closure will be created through placement of concrete blocks with associated hazard boards and No Through Road signs (see **Attachment 2**).

A formal Traffic Management Plan was approved by RMS in 2015 but not acted upon at that time (see **Attachment 3**). Since then, there has been minimal changes in traffic conditions in Ingham Street and Henrietta Drive. However, Richardson Road has been upgraded and the roundabout intersection of Henrietta Drive and Welling Drive has also been upgraded. These completed works further support the closure of the road.

Council is planning to upgrade the park area in the near future, and at the same time providing a permanent solution to driver behaviour. This could entail a permanent constructed road closure or realignment of the road.

Public notification of the interim road closure will be undertaken with residents' views sought on the permanent upgrade.



#### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

The cost of the works is estimated at \$2,500 to be funded from the existing project budget.

#### CONCLUSION

Concerns have been raised about anti-social driver behaviour in Ingham Street and Henrietta Drive and it is recommended that an interim road closure is supported.

#### RECOMMENDED

The Local Traffic Committee recommends: that Council approves in Ingham Street, Spring Farm, an interim road closure with associated signage and devices where the road meets Henrietta Drive, Narellan Vale.

ATTACHMENTS

- 1. Attachment 1 Ingham Street Location
- 2. Attachment 2 Ingham Street Plan
- 3. Attachment 3 Ingham Street TMP





n Čo uncii 70 Central Ave ORAN PARK NSW 2570 Telephone: 02 4654 7777 Email: mail@central Subject Site

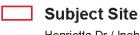
Ingham Street / Henrietta Drive Location Plan



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 inst. 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 O RAN PARK NSW 2570 Telephone: 024654 7777 Fax: 024654 7829 Emsil: <u>mail@camden.nsw.dov.au</u> Henrietta Dr / Ingham St

 Map Scale:
 1:1129

 Projection:
 GDA94 / MGA zone 56

 Date:
 2/05/2019 11:10 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.

Attachment 3

#### ROADS AND MARITIME SERVICES

Network & Safety Services Journey Management

#### TRAFFIC MANAGEMENT PLAN APPROVAL

Camden City Council has submitted a Traffic Management Plan (TMP) in accordance with the RMS Procedures for Use in the Preparation of a Traffic Management Plan. The TMP proposes to permanently close Ingham Street/ Henrietta Drive, Spring farm east of Java Street due to vehicles losing control on the bend.

Council proposes to close Henrietta Drive by reinstating the cul-de-sac to the original location which will provide an area for vehicles to turn easily and provide a gate and fencing to limit access to maintenance vehicles only. Ingham Drive will be closed by placing bollards east of Java Street. This will allow vehicles to turn in or out of Java Street should they inadvertently turn into Ingham Street to access Henrietta Drive. The impact of assigned traffic will be minimal due to the low volumes of vehicles using Ingham Street to access Henrietta Drive.

There will be no impact on public transport as there are no bus routes that will be affected by the closure. All Emergency services will be advised of the closure. All pedestrian and cyclist access will be maintained through the closure.

Consultation was carried out with both precincts affected by the proposal and 30 responses were received with 19 in support and 11 opposed to the proposal. The main reason for the opposition of the proposal was due to the issues with exiting lngham Street onto Richardson Road. Roadworks were being carried out at the time of consultation which involved temporary traffic lights and the one way movement on a section of Richardson Road. The opening of the link road between Richardson Road and Camden Bypass has alleviated the issue of exiting Richardson Road from Ingham Street and delays have been significantly reduced.

The submission from Camden City Council has satisfactorily addressed the necessary requirements of the TMP therefore:

#### The Traffic Management Plan for the closure of Ingham Street and Henrietta Drive, Spring Farm is RECOMMENDED FOR APPROVAL

75\_20150120\_TMP\_Closure of Ingham and Henrietta

20/1/2015

Attachment 3

Kristian Calcagno

Traffic Engineering Officer

For CONCURRENCE

21-01-15

Daryl Ninham Manager Network and Safety Services

Steven Head Network General Manager Sydney

Afernell 2011/15

Kaye Russell A/Senior Network & Safety Officer

For APPROVAL

28/1/15.

Hilary Johnson Network and Safety Manager

75\_20150120\_TMP\_Closure of Ingham and Henrietta

20/1/2015



LTC17

#### SUBJECT: COBBITTY ROAD, COBBITTY - INDENTED BUS BAY AT COBBITTY PUBLIC SCHOOL EROM: Director Community Assets

FROM:Director Community AssetsTRIM #:22/19905

#### PURPOSE OF REPORT

To seek concurrence of the Local Traffic Committee for an indented bus bay in Cobbitty Road at Cobbitty Public School.

#### BACKGROUND

Council has successfully secured funding under the Federal Stimulus Road Safety Program for an indented bus bay in Cobbitty Road at Cobbitty Public School. This report details the associated signage, linemarking and devices.

#### MAIN REPORT

The Federal Government is providing funding for the construction of an indented bus bay and footpath extension in Cobbitty Road, Cobbitty, through the Federal Stimulus Road Safety Program. This program supports measures to support road safety, particularly around schools. Cobbitty Public School has identified concerns with pedestrians and cars conflicting with buses in the school drop off and turning bay.

A detailed proposal is shown in Plan No, 2021-063 (Sheet 9) in **Attachment 1**. This includes an indented bus bay with associated Bus Zone signage. There are existing No Stopping restrictions at the crossing on the eastern side and existing No Parking restrictions (drop off and pick up area) on the western side.

Cobbitty Public School is in support of the measures.

#### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

The works are budgeted at \$100,000, funded by the grant from the Federal Stimulus Road Safety Program. This budget with also fund new footpath.

#### CONCLUSION

Council is constructing an indented bus bay, with associated signage. It is recommended that the Committee supports the proposal.

#### RECOMMENDED

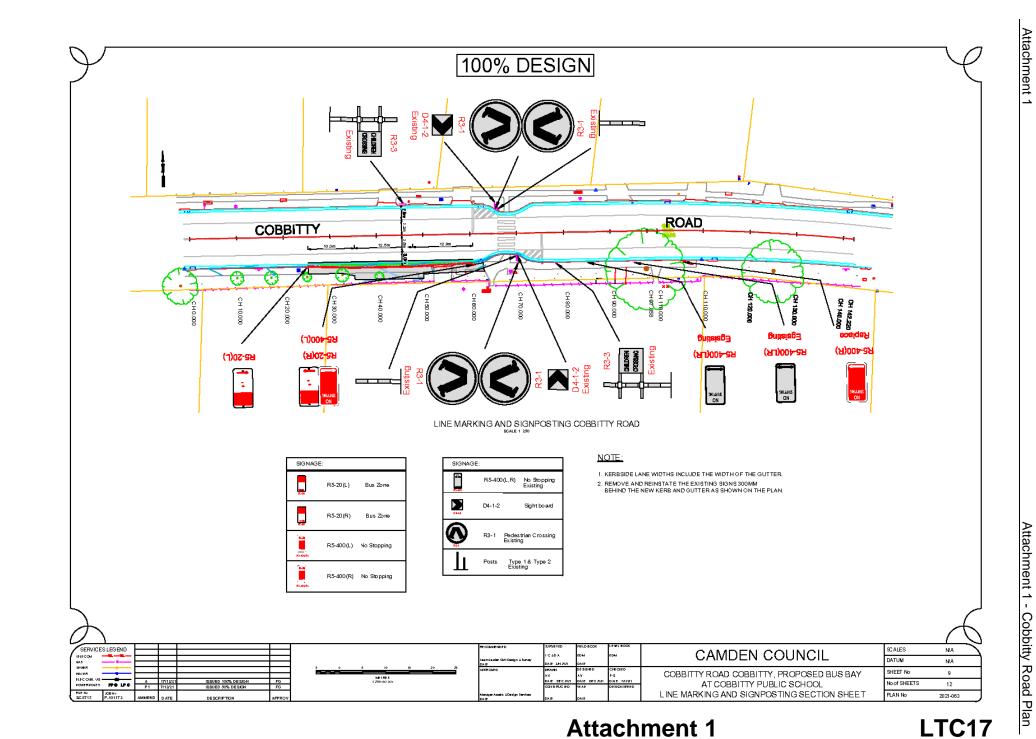
#### The Local Traffic Committee recommends that Council approves in Cobbitty



Road, Cobbitty, at Cobbitty Public School, as detailed in Plan No. 2021-063 (Sheet 9), an indented bus bay with Bus Zone restrictions (R5-20 signage).

ATTACHMENTS

1. Attachment 1 - Cobbitty Road Plan





LTC18

## SUBJECT:INFORMAL ITEMSFROM:Director Community AssetsTRIM #:21/380066

#### (i) <u>Bike Plan</u>

The Active Transport Program is not running for 2021/22. Submissions are being prepared for the 2022/23 program for the following projects:

Location	Project
Waterworth Drive, Mount	Shared Path adjacent to Mount Annan Leisure Centre.
Annan	
Camden Valley Way,	Shared Path adjacent to Gledswood Hills precinct.
Gledswood Hills	
Cawdor Road, Grasmere	Shared Path from Sheathers Lane to Camden High
	School.
Sheathers Lane / Werombi	Shared Path from Cawdor Road to Smalls Road.
Road, Grasmere	

#### (ii) Pedestrian Access Mobility Plan (PAMP)

Funding applications have been approved from the 2020/21 Walking Program as follows, with construction underway:

Location	Project
Cobbitty Road, Cobbitty	Improved footpaths with pedestrian refuge with children's crossing and indented bus bays adjacent to Macarthur Anglican School.

Funding applications have been approved from the 2021/22 Federal Government Stimulus Commitment Road Safety Program as follows, with designs and construction underway:

Location	Project
Cobbitty Road, Cobbitty	Footpath and indented bus bay at Cobbitty Public School
Exeter Street, Camden	Indented drop off / pick up bay at Camden Public School
The Hermitage Way	Three pedestrian refuges
Gledswood Hills Drive	Three pedestrian refuges
Sir Warwick Fairfax Drive,	Raise existing pedestrian crossing, upgrade lighting and
Harrington Park	extend 40km/h zone at Harrington Park Public School
Lodges Road, Elderslie	Raise existing pedestrian crossing at Elderslie Public School
Mitchell Street, Camden	Raise existing pedestrian crossing and upgrade lighting at Camden Public School
John Street, Camden	Raise existing pedestrian crossing and upgrade lighting at Camden Public School

The Active Transport Program is not running for 2021/22. Submissions are being prepared for the 2022/23 program for the following projects:



Location	Project
Waterworth Drive, Mount Annan	Footpath and pedestrian refuge at Mount Annan town centre.
Waterworth Drive, Narellan Vale	Footpath widening at Narellan Vale Public School
Coghill Street, Narellan	Footpath through the reserve between Coghill Street and Queen Street
Jamboree Avenue, Leppington	Four pedestrian refuge islands
Argyle Street, Camden	Bicycle refuge and paths at Nepean Cycleway
Kookaburra Drive, Gledswood Hills	Two pedestrian refuges
Kavanagh Street, Gregory Hills	Two pedestrian refuges
Cobbitty Road, Cobbitty	Disability bay and accessible ramp at Cobbitty Public School
Springs Road, Spring Farm	Zebra crossing at Burrell Road
Hollows Drive, Oran Park	Children's crossing at Olley Avenue

(iii) Safer Roads Program

The following funding application has been approved for the 2021/22 Programs, with design underway:

Location	Project
Cut Hill Road, Cobbitty	Shoulder widening
Narellan town centre	High Pedestrian Activity Area implementation (subject to Council approval to accept funding on 08/02/2022)
Camden town centre	High Pedestrian Activity Area study (subject to Council approval to accept funding on 08/02/2022)

Assessment is underway of potential locations for the 2022/23 program.

(iv) Upcoming Major Works/Events

Works / Event (Proponent)	Location	Status
Cobbitty Road – Pedestrian refuge and footpaths	Harrington Park (Macarthur Anglican College)	Underway
Valleyways Music Festival	Onslow Oval	19 February 2022
Camden Show	Camden Showground and CBD	Planned for 1st / 2nd April 2022
ANZAC Day	Camden CBD	25 April 2022

#### (v) TfNSW Referrals



Proposal	Issued Raised	Status
Springfield Road, Catherine Field – Speed Zone Review	09 December 2020	Approved to reduce to 60km/h. Installation programmed.
Cobbitty Road, Cobbitty – Macarthur Anglican School Speed Zone Hours Review	27 January 2021	Approved, pending installation
Cobbitty Road, Cobbitty – Speed Zone Review	22 February 2021	Ongoing
Springs Road, Spring Farm – Extension of School Speed Zone	29 June 2021	Further review requested by Spring Farm Public School
Turner Road, Smeaton Grange – Speed Zone review	2 December 2021	Ongoing
Larkin Place, Camden – Consideration of a potential Shared Zone	10 January 2022	New request

#### RECOMMENDED

That items (i) to (v) be noted.



# LOCAL TRAFFIC COMMITTEE

LTC19

SUBJECT:LOCAL BEHAVIOURAL PROGRAMSFROM:Director Community AssetsTRIM #:22/14793

#### 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 2021/22 financial year.

Project	Target Issue	Current Status
RBT Plan B	Drink Driving	The CRSO continues to work with
Campaign	To educate and inform the	Camden Highway Patrol and the
	community about the	Camden Liquor Accord on coordinated
	dangers of drink driving, to	approaches to reducing the incidence of
	influence responsible road	drink driving.
	safety behaviour, and to	
	work with the Camden LAC	Information continues to be distributed to
	to reduce the incidence of	licensed premises in order to get the
	drink driving.	drink drive message across to the
		community. However, due to COVID-19,
		the resources that may normally be
		distributed to venues has ceased.

#### **MAIN REPORT**



Project	Target Issue	Current Status
Drive 2 Stay Alive – Year 11 Students	Young drivers 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.	<ul> <li>Programming has been prepared for 2022. Participating schools are as follows;</li> <li>Mount Annan Christian College – 23 August 2022</li> <li>Mount Annan High School – 21 September 2022;</li> <li>Oran Park Anglican College – 22 September 2022;</li> <li>Elizabeth Macarthur High School – 14 October 2022; and</li> <li>Magdalene Catholic High School – 13 October 2021.</li> <li>The program was not able to run in 2021 due to Covid restrictions, and a determination on proceeding in 2022 will be made closer to the event dates.</li> </ul>
School Safety Program	Vulnerable road users, pedestrians, road users around schools Program designed to address road safety issues around schools, improve safety and education amongst road users, parents and students in school zones.	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. Due to Covid restrictions face to face attendance has not been able to occur. Information has been emailed to schools for distribution in the lead up to the anticipated return to school in February 2022.
Slow Down	Speed Raise awareness and reduce the incidence of speeding on local roads. Work with Camden LAC to further reduce the incidence of speeding.	The 'Local Streets are 50' campaign continues, with road safety messaging on Council Waste Trucks and a local bus. Council continues to work with Camden and Campbelltown Highway Patrol to identify and refer possible locations for Police investigation and enforcement as appropriate. The use of the speed trailer is continuing to be rolled out, with "hotspot" locations targeted.



Project	Target Issue	Current Status
Choose	Child Restraints	The December event was not able to be
Right Buckle Right	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.	run face to face due to Covid restrictions. Vouchers were offered to residents in lieu of this event. A new online booking system was implemented for all future child restraints events, which provides a better customer service outcome for the community. The next event is scheduled for March 2022, and a determination made as to whether this will be face to face or via vouchers will be made closer the event date and in line with NSW Health advice.
Graduated Licensing Scheme Workshops (GLS)	Parents and supervisors of learner drivers Educational workshops for parents and supervisors of learner drivers, delivered to assist awareness and knowledge of the graduated licensing scheme.	The GLS workshops are incorporated into the presentation given to supervisors of learner drivers at the Log Book Run events. The next presentation was due to be at the December event, however this had to be cancelled due to Covid restrictions.
Log Book Run (LBR) – Drives for Learners In Macarthur	Young drivers Increase on-road experience obtained by learner drivers and disseminate road safety messages and resources	The last event was held on Sunday 20 June 2021. The September 2021 and December 2021 events had to be cancelled due to Covid restrictions. The next event is scheduled to be held in March 2022, subject to NSW Health advice.
Crime Prevention	General community safety related issues Identify and introduce community safety and crime prevention programs and initiatives in the Camden LGA as appropriate.	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.
Park Smart	Community safety, Steal from Motor Vehicle offences	This program targeting local shopping centre car parks, plus commuter car parks is anticipated to resume once current COVID-19 restrictions ease.
Camden Liquor Accord	Drink Driving, community safety, alcohol related issues Implementing programs and educating the community to reduce the incidence of alcohol related problems, drink driving and antisocial behaviour.	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. Liquor Accord meetings are currently being held via Zoom due to COVID-19.

Project	Target Issue	Current Status
Bike Safety Awareness Program	Bike safety To promote safe cycling.	Consultation to be held with Community Planning and Development as to the viability of a bike safety program as part of their Children's and Families program for 2022.
Seniors Safety Morning Teas	Seniors Safety 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	Planning is underway to work collaboratively with Community Planning and Development to incorporate this program into the Café Connect program for Seniors. This is being done as a result of the challenges faced by each program as a result of COVID, plus given the synergies between the two programs. It is anticipated that this revised program will provide better outcomes for the community. Tentative dates have been set however this will continue to be monitored in line with current NSW Health advise and restrictions.
Graffiti Education	Graffiti prevention, community safety, young people To assist in the reduction of graffiti offences through early intervention education	Council has committed to running this program in schools again in 2022. The program is being held online due to Covid restrictions. The program was delivered at Mount Annan HS in September 2021, and future planning is in progress.
Traffic Offenders Program	Driving offenders, speed and drink driving offenders, general road safety improvement. To reduce the incidents of recidivist driving offences and to educate driving offenders to reduce re- offending.	All Traffic Offenders presentations are currently being held online due to Covid restrictions and being handled internally by the program provider during this time. Future program attendance will be determined when Covid restrictions ease.
Eyes on the Road – road safety social media	Social media partnership with NSW Police – Campbelltown Highway Patrol , and Campbelltown City Council	This new initiative launched in December 2021 and is aimed at presenting aligned and coordinated road safety messaging to the Macarthur community. The partnership also further strengthens the relationship with neighbouring Campbelltown City Council and local Highway Patrol. Posts are aligned with timely road safety issues and are published on the second Monday of each month, on Camden Council, Campbelltown City Council, Camden Police Area Command and Campbelltown Police Area Command Facebook pages.



#### FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

Program funding in 2021/22 has been identified through grant funding from Transport for New South Wales and a contribution from Council.

The Child Restraint Fitting and Bike Education Session is funded through Councils National Families Week budget.

#### RECOMMENDED

The Local Traffic Committee recommends that Council receives and notes the Local Behavioural Programs report for February 2022.



# LOCAL TRAFFIC COMMITTEE

LTC20

#### SUBJECT: HOUGHTON ROAD, GLEDSWOOD HILLS - SIGNAGE AND LINE-MARKING ASSOCIATED WITH LANEWAY

FROM:Director Community AssetsTRIM #:21/632935

#### ELECTRONIC MEETING ITEM DATE: 24 September 2021

#### PURPOSE OF REPORT

To document concurrence previously provided by the Local Traffic Committee through an Electronic Meeting for Houghton Road, Gledswood Hills - Signage and Line-marking Associated with Laneway.

A signage and line-marking plan has been received by Council for the construction of a new laneway off Houghton Road associated with the subdivision of Superlot 93 in Precinct 44. The Location is highlighted on **Attachment 1**. This relates to the Development Application number: DA/2020/809/1.

The Engineering Drawing No. 180032-44-SL93-CC-C11.01, Rev.3 prepared by Enspire Consultants provides details of the proposed signage and line-marking (**Attachment 2**). The plan is considered to be in accordance with Austroads, Australian Standards and TfNSW supplements for the placement of regulatory signage and line-marking.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee
2022/01	The Local Traffic Committee recommends that Council approves regulatory signage and line-marking for a new laneway off Houghton Road, Gledswood Hills, associated with the subdivision of Superlot 93 in Precinct 44 as shown on the Engineering Drawing No. 180032-44-SL93-CC-C11.01, Rev.3 subject to:
	<ul> <li>i. All signage being sign size A;</li> <li>ii. The installation being completed by the applicant at their cost; and</li> <li>iii. Street lighting levels for intersections and devices being in accordance with Australian Standard AS/NZS 1158, subject to further Council approval of the lighting design.</li> </ul>

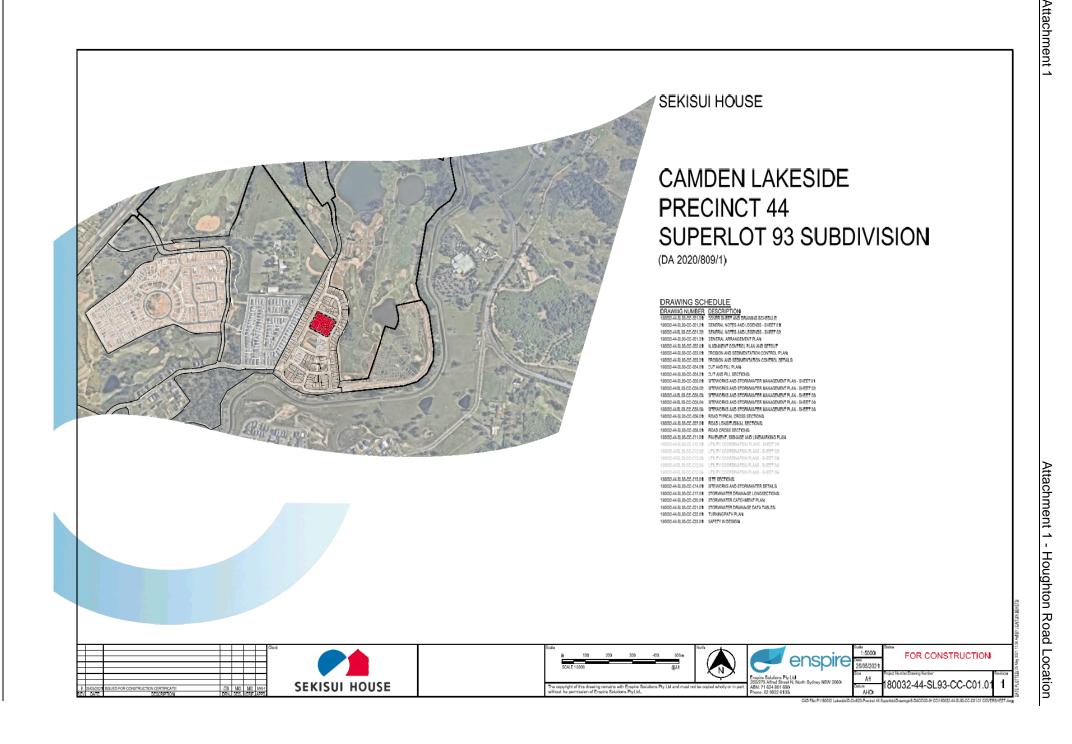
This recommendation was supported unanimously by the four voting members.

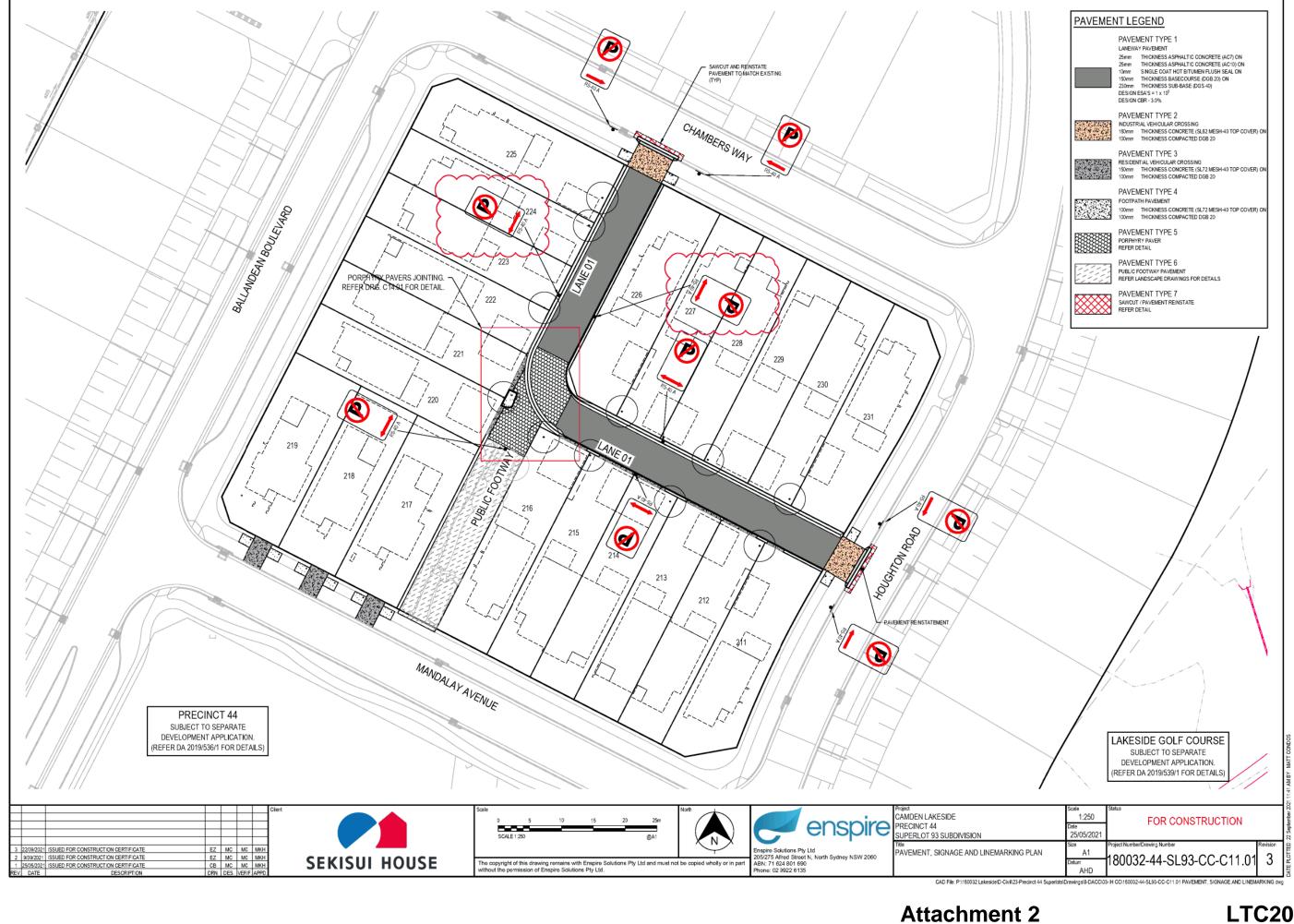
This recommendation has been resolved by a Council Officer under Delegated Authority.



That Council receives and notes the report on Houghton Road, Gledswood Hills - Signage and Line-marking Associated with Laneway.

- 1. Attachment 1 Houghton Road Location
- 2. Attachment 2 Houghton Road Plan









# SUBJECT:HEALY AVENUE, GREGORY HILLS - SIGNAGE, LINE-MARKING AND<br/>DEVICES ASSOCIATED WITH SUBDIVISION OF NO. 123 TURNER<br/>ROADFROM:Director Community AssetsTRIM #:21/633001

#### ELECTRONIC MEETING ITEM DATE: 1 October 2021

#### PURPOSE OF REPORT

To document concurrence previously provided by the Local Traffic Committee through an Electronic Meeting for Healy Avenue, Gregory Hills - Signage, Line-marking and Devices Associated with Subdivision of No. 123 Turner Road.

#### MAIN REPORT

A signage and line-marking plan has been received by Council for the construction of new roads associated with the development of 123 Turner Road, Gregory Hills. The Location is highlighted on **Attachment 1**. This relates to the Development Application number: DA/2020/369/1.

The Engineering Drawing No. 077-20C-CC-0601, Rev. C prepared by Tribeca Consulting provides details of the proposed signage and line-marking (**Attachment 2**). The plan is considered to be in accordance with Austroads, Australian Standards and TfNSW supplements for the placement of regulatory signage and line marking.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee	
2022/02	The Local Traffic Committee recommends that Council approves regulatory signage and line-marking associated with the development of 123 Turner Road, Gregory Hills as shown on the Engineering Drawing No. 077-20C-CC-0601, Rev. C subject to:	
	<ul> <li>i. All signage being sign size A;</li> <li>ii. The installation being completed by the applicant at their cost; and</li> <li>iii. Street lighting levels for intersections 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.

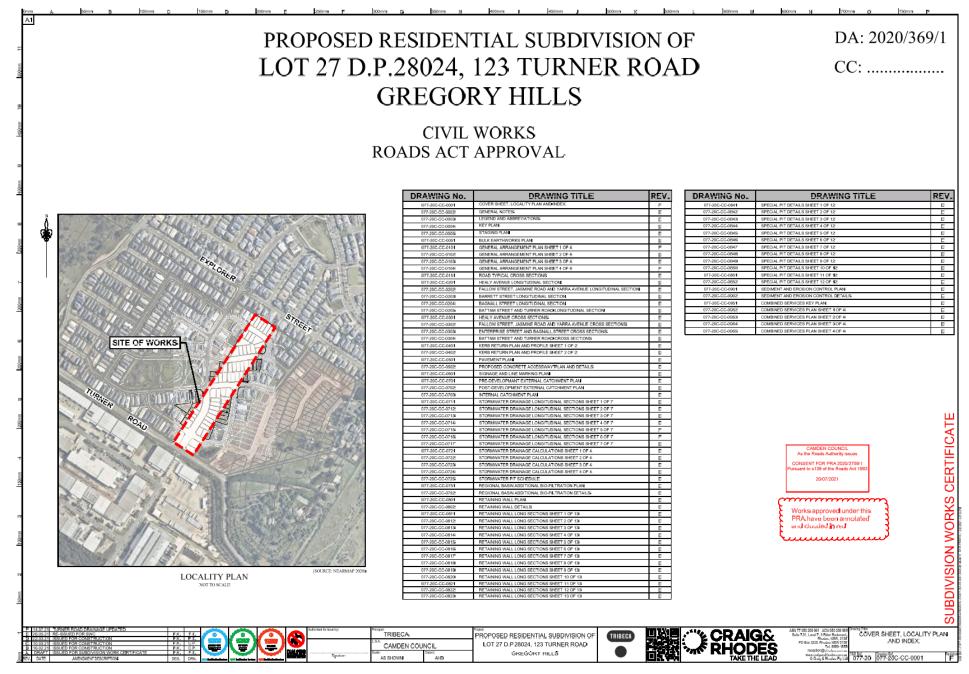
This recommendation has been resolved by a Council Officer under Delegated Authority



#### **RECOMMENDED**

That Council receives and notes the report on Healy Avenue, Gregory Hills - Signage, Line-marking and Devices Associated with Subdivision of No. 123 Turner Road.

- 1. Attachment 1 123 Turner Road GREGORY HILLS
- 2. Attachment 2 123 Turner Road GREGORY HILLS

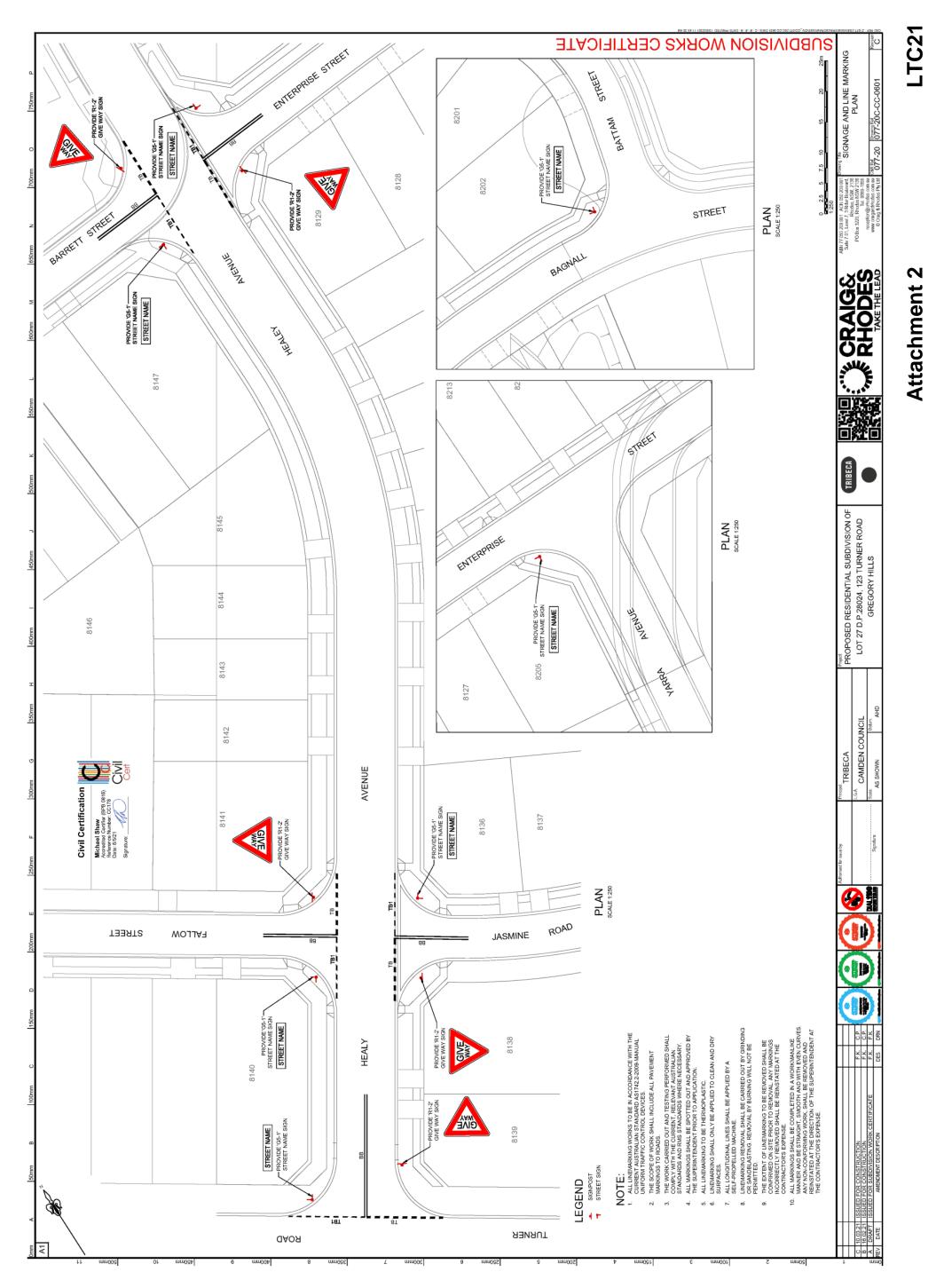


LTC21

Attachment 1

Attachment 1

**123 Turner Road GREGORY HILLS** 





# LOCAL TRAFFIC COMMITTEE

LTC22

# SUBJECT:EMERALDHILLSBOULEVARD,LEPPINGTON-BUSSTOPSBETWEEN ST ANDREWS ROAD AND FRIEND ROADFROM:Director Community Assets

FROM:Director Community AssTRIM #:21/633212

#### ELECTRONIC MEETING ITEM DATE: 22 October 2021

#### PURPOSE OF REPORT

To document concurrence previously provided by the Local Traffic Committee through an Electronic Meeting for Emerald Hills Boulevard, Leppington – Bus Stops Between St Andrews Road and Fiend Road.

Council and Busabout have assessed the need for an additional bus stop in Emerald Hills to reduce spacing between stops and thereby better serve the community. **Attachment 1** shows a locality map.

A new bus stop on the south-eastern side of Emerald Hills Boulevard, 25 metres northeast of Friend Road. A minor relocation of 15 metres of an existing bus stop to the north is also proposed as shown in **Attachment 2**. The proposal will have a minimum impact on on-street parking supply as there is no adjacent property in the vicinity of the proposal. Bus Zone signs are not warranted.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee	
2022/03	The Local Traffic Committee recommends that Council, on the south- eastern side of Emerald Hills Boulevard, Leppington, between St Andrews Road and Friend Road, approves:	
	<ul> <li>Relocation of the existing bus stop 15 metres north-eastwards towards St Andrews Road; and</li> <li>Install a new bus stop 25 metres north-east of Friend Road.</li> </ul>	

This recommendation was supported unanimously by the four voting members.

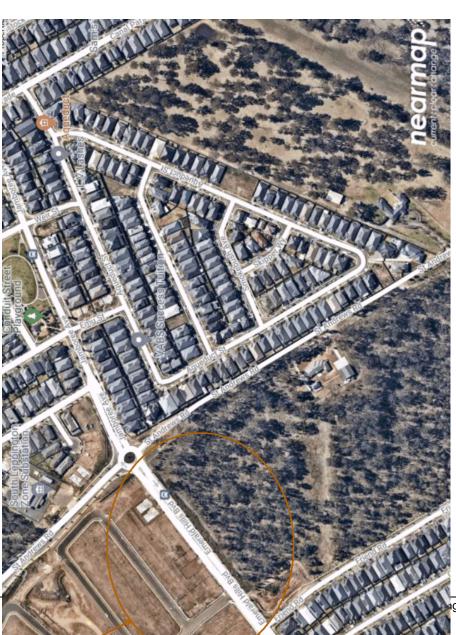
This recommendation has been resolved by a Council Officer under Delegated Authority

#### RECOMMENDED

That Council receives and notes the report on Emerald Hills Boulevard, Leppington – Bus Stops Between St Andrews Road and Friend Road.



- 1. Attachment 1 Emerald Hill Bvd
- 2. Attachment 2 Emerald Hill Bvd



g held on 01 February 2022



ebruary 2022



#### SUBJECT: BURTON ROAD, GREGORY HILLS - SIGNAGE, LINE-MARKING AND DEVICES ASSOCIATED WITH THE SUBDIVISION OF NO. 135 TURNER ROAD

FROM:Director Community AssetsTRIM #:21/634098

#### ELECTRONIC MEETING ITEM DATE: 1 October 2021

#### PURPOSE OF REPORT

To document concurrence previously provided by the Local Traffic Committee through an Electronic Meeting for Burton Road, Gregory Hills - Signage, Line-marking and Devices Associated with the Subdivision of No. 135 Turner Road.

A signage and line-marking plan has been received by Council for the construction of new roads associated with the development of 135 Turner Road, Gregory Hills. The Location is highlighted on **Attachment 1**. This relates to the Development Application number: DA/2018/501/1.

The Engineering Drawing No. 1012-01-C-R19, Rev. E prepared by Tribeca Consulting provides details of the proposed signage and line-marking (**Attachment 2**). The plan is considered to be in accordance with Austroads, Australian Standards and TfNSW supplements for the placement of regulatory signage and line marking.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee	
2022/03	The Local Traffic Committee recommends that Council, approves regulatory signage and line-marking associated with the development of 135 Turner Road, Gregory Hills as shown on the Engineering Drawing No. 1012-01-C-R19, Rev. E subject to:	
	<ul> <li>i. All signage being sign size A;</li> <li>ii. The installation being completed by the applicant at their cost; and</li> <li>iii. Street lighting levels for intersections and devices being in accordance with Australian Standard AS/NZS 1158, subject to further Council approval of the lighting design.</li> </ul>	

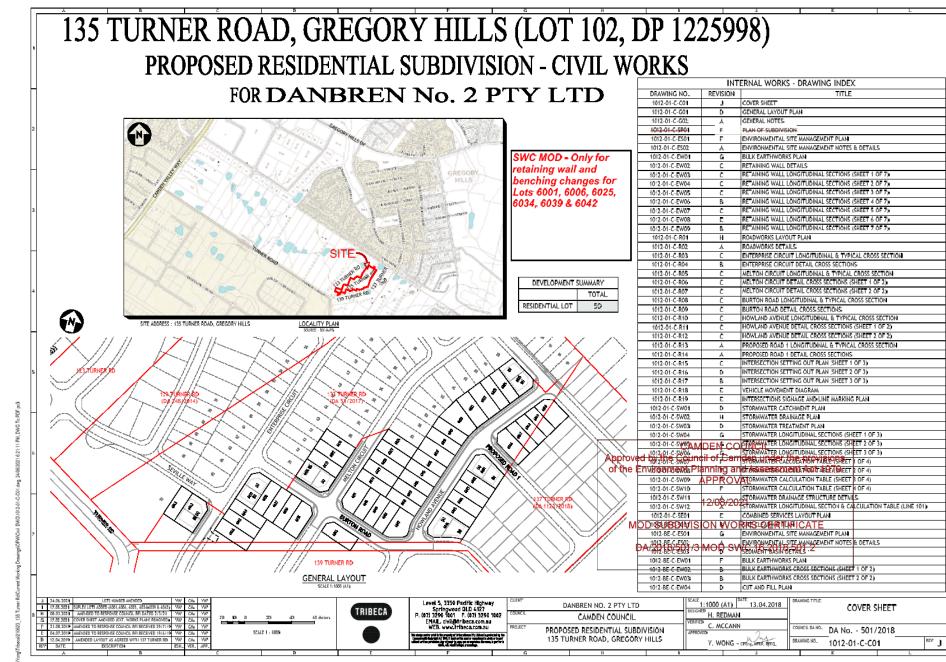
This recommendation was supported unanimously by the four voting members.

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



That Council receives and notes the report on Burton Road, Gregory Hills - Signage, Line-marking and Devices Associated with the Subdivision of No. 135 Turner Road.

- 1. Attachment 1 -135 Turner Road GREGORY HILLS
- 2. Attachment 2 -135 Turner Road GREGORY HILLS



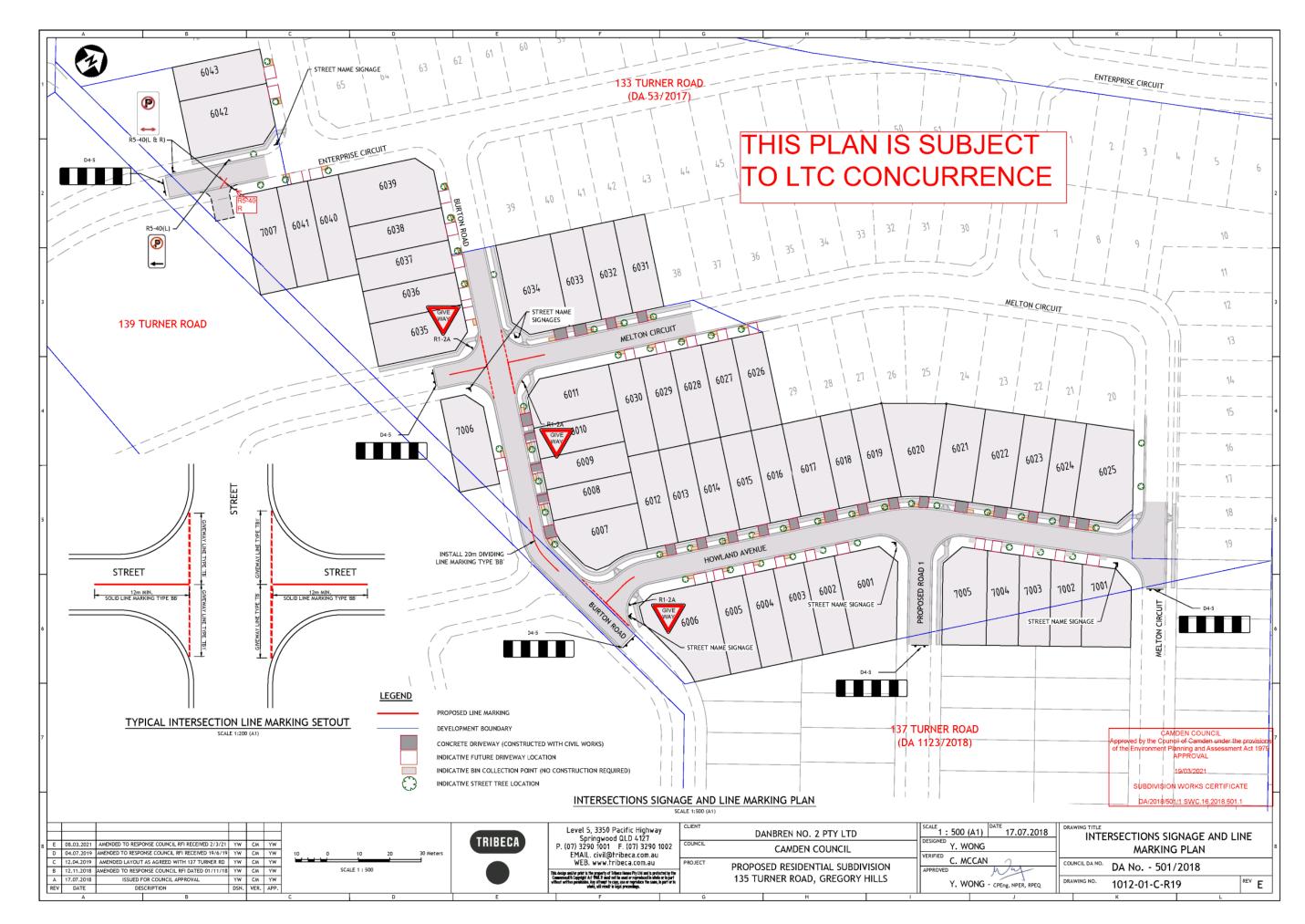
Page

8

Attachment 1

LTC23

Attachment 1 -135 Turner Road GREGORY HILLS



Page 95

## Attachment 2

Attachment 2 -135 Turner Road GREGORY HILLS

# LTC23

Attachment 2



# SUBJECT: BYRON ROAD, LEPPINGTON - SIGNAGE, LINE-MARKING AND **DEVICES ASSOCIATED WITH THE SUBDIVISION OF NO. 56**

FROM: **Director Community Assets** TRIM #: 21/634567

#### **ELECTRONIC MEETING ITEM DATE: 22 October 2021**

#### **PURPOSE OF REPORT**

To document concurrence previously provided by the Local Traffic Committee through an Electronic Meeting for Byron Road, Leppington - Signage, Line-marking and Devices Associated with the Subdivision of No. 56.

A signage and line marking plan has been received by Council for the construction of new roads associated with a subdivision of 56 Byron Road, Leppington. The Location is highlighted on **Attachment 1**. This relates to the Development Application number: DA/2018/784/1.

The Engineering Drawing No. 18032E13, dated 20/09/2021 prepared by JMD Development Consultants provides details of the proposed signage and line marking (Attachments 2).

The original plan was considered by the Local Traffic Committee in May 2020, and it was subsequently approved by Council. The applicant has updated the plan to remove No Stopping signs in Road No.4 as this connection road is now being constructed and the proposed No Stopping restrictions are no longer needed.

The updated 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
2022/06	The Local Traffic Committee recommends that Council, approves regulatory signs and line-marking associated with the subdivision of 56 Byron Road, Leppington as shown on the Engineering Drawing No. 18032E13, dated 20.09.2021 subject to:
	<ul> <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> </ul>

This recommendation was supported unanimously by the four voting members.



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

#### RECOMMENDED

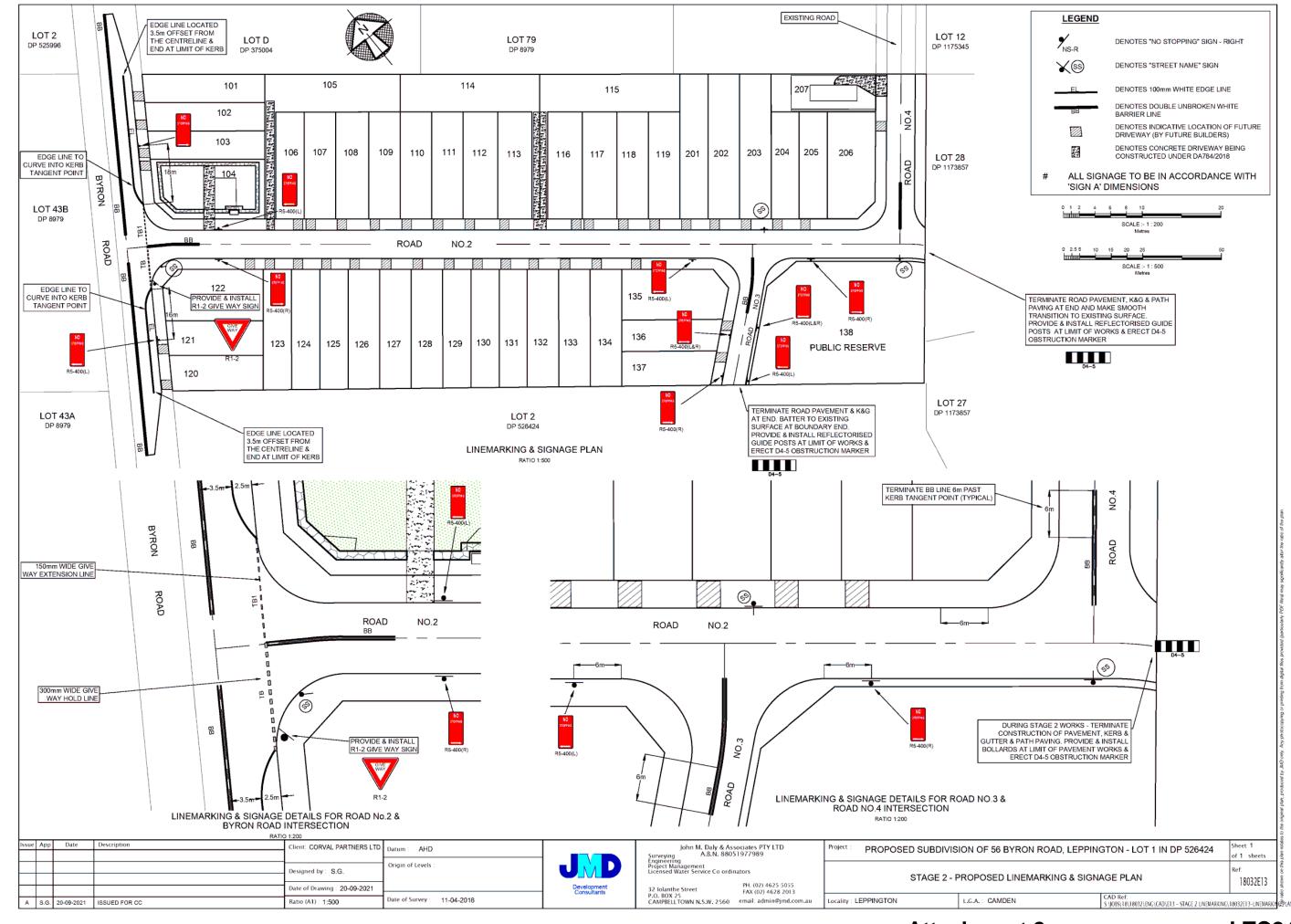
That Council receives and notes the report on Byron Road, Leppington – Signage, Line-marking and Devices Associated with the Subdivision of No.56.

- 1. Attachment 1 56 Byron Rd
- 2. Attachment 2 56 Byron Rd





This is the report submitted to the Local Traffic Committee Meeting held on 01 February 2022









#### SUBJECT: PASSMORE AVENUE, CATHERINE FIELD - SIGNAGE, LINE-MARKING AND DEVICES ASSOCIATED WITH SUBDIVISION OF CATHERINE PARK STAGE 8C.

FROM:Director Community AssetsTRIM #:21/634692

#### ELECTRONIC MEETING ITEM DATE: 19 November 2021

#### PURPOSE OF REPORT

To document concurrence previously provided by the Local Traffic Committee through an Electronic Meeting for Catherine Park Stage 8C – Signage, Line-marking and Devices.

Signage and line-marking plans have been received by Council for the construction of Passmore Avenue (Road No. 801) and other new roads associated with the development of Catherine Park Stage 8C. The Location is highlighted on **Attachment 1**. This relates to the Development Application number: DA/2015/1163/1.

The Engineering Drawing Nos. 711, Rev. 10, 712, Rev.10, 713, Rev.10, and 714, Rev.10 (Project no. X12249.08) prepared by Calibre Consulting provides details of the proposed signage and line-marking (**Attachment 2**). The plans are considered to be in accordance with Austroads, Australian Standards and TfNSW supplements for the placement of regulatory signage and line marking.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee
2022/07	<ul> <li>The Local Traffic Committee recommends that Council, approves regulatory signage and line-marking associated with the development of Catherine Park, Stage 8C as shown on the Engineering Drawing Nos. 711, Rev. 10, 712, Rev.10, 713, Rev.10, and 714, Rev.10 (Project no. X12249.08) subject to:</li> <li>i. W1-1 advisory signs being replaced with W1-3 curve advisory signs;</li> <li>ii. All signage being sign size A;</li> <li>iii. The installation being completed by the applicant at their cost; and</li> <li>iv. Street lighting levels for intersections and devices being in</li> </ul>
	accordance with Australian Standard AS/NZS 1158, subject to further Council approval of the lighting design.

This recommendation was supported unanimously by the four voting members.

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



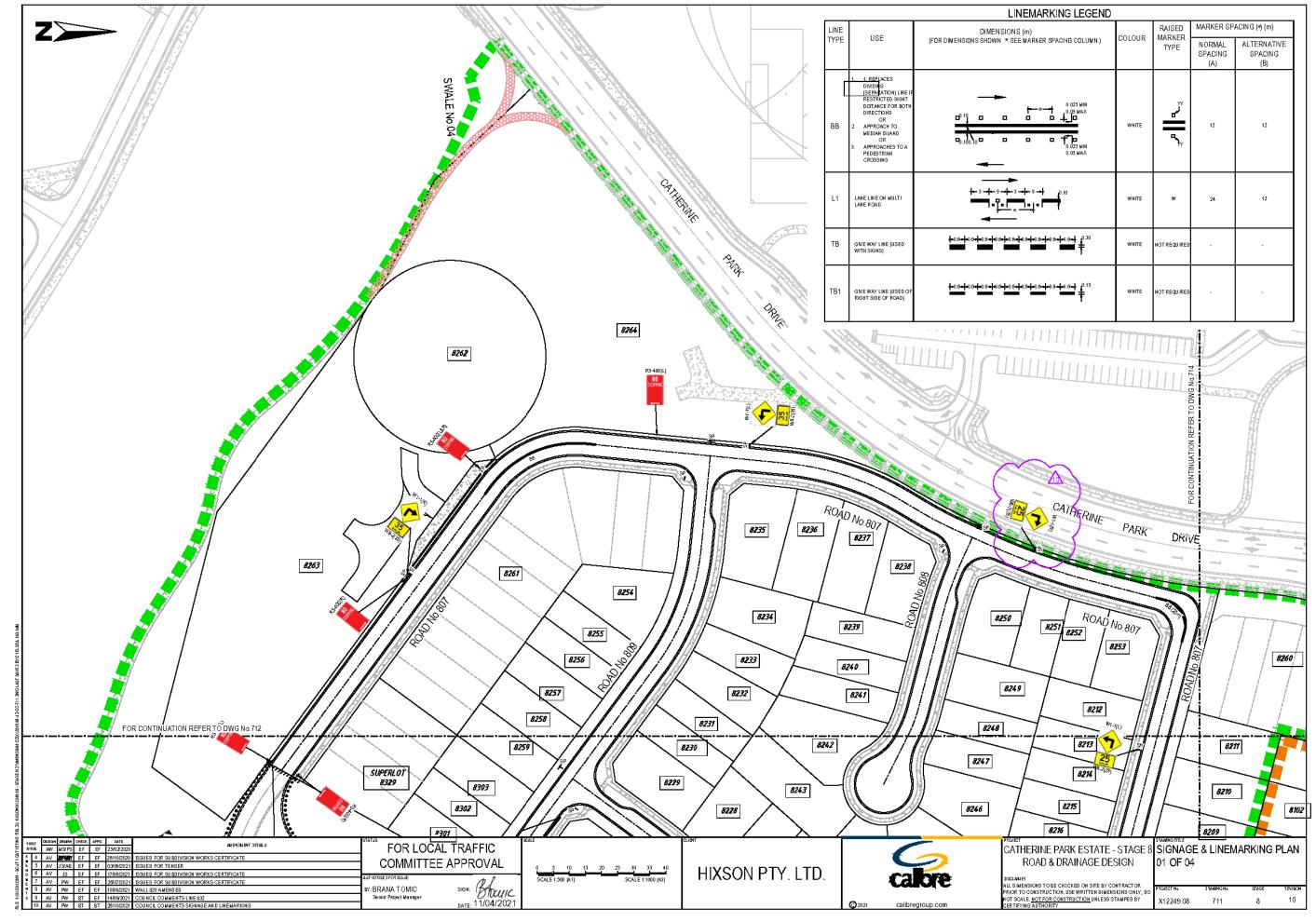
#### RECOMMENDED

That Council receives and notes the report on Passmore Avenue, Catherine Field - Signage, Line-marking and Devices Associated with Subdivision of Catherine Park Stage 8C.

- 1. Attachment 1 Catherine Park Stage 8C
- 2. Attachment 2 Catherine Park Stage 8C

CATHERINE PARK ESTATE - STAGE 8 ROAD & DRAINAGE DESIGN	Calibregroup.com
FOR SUBDIVISION WORKS CERTIFICATE	
ETAGE 2	CAMDEN COUNCIL Approved by the Council of Camden under the provisions of the Environment Planning and Assessment Act 1979 APPROVAL
	SUBDIVISION WORKS CERTIFICATE
	DA/2015/1163/3 SWC.16.16.2015.1163.3
LOCALITY PLAN LOT 4303, D.P. 1227803 LOT 4303, D.P. 1227803 LOT 292, D.P. 708154 Pt. LOT 5000, D.P. 1250495 LOT 4064, 4065 & 4070 D.P. 1215216 DA/2015/1163/2	
HIXSON PTY. LTD.	CATHERINE PARK ESTATE - STAGE 8 ROAD & DRAINAGE DESIGN
Attachment 1	LTC25

VLICENTE LETTE HEREMOLISHER - 2 DES MUNICIPATION CONTRACTO CON DWD VIEWER UN-



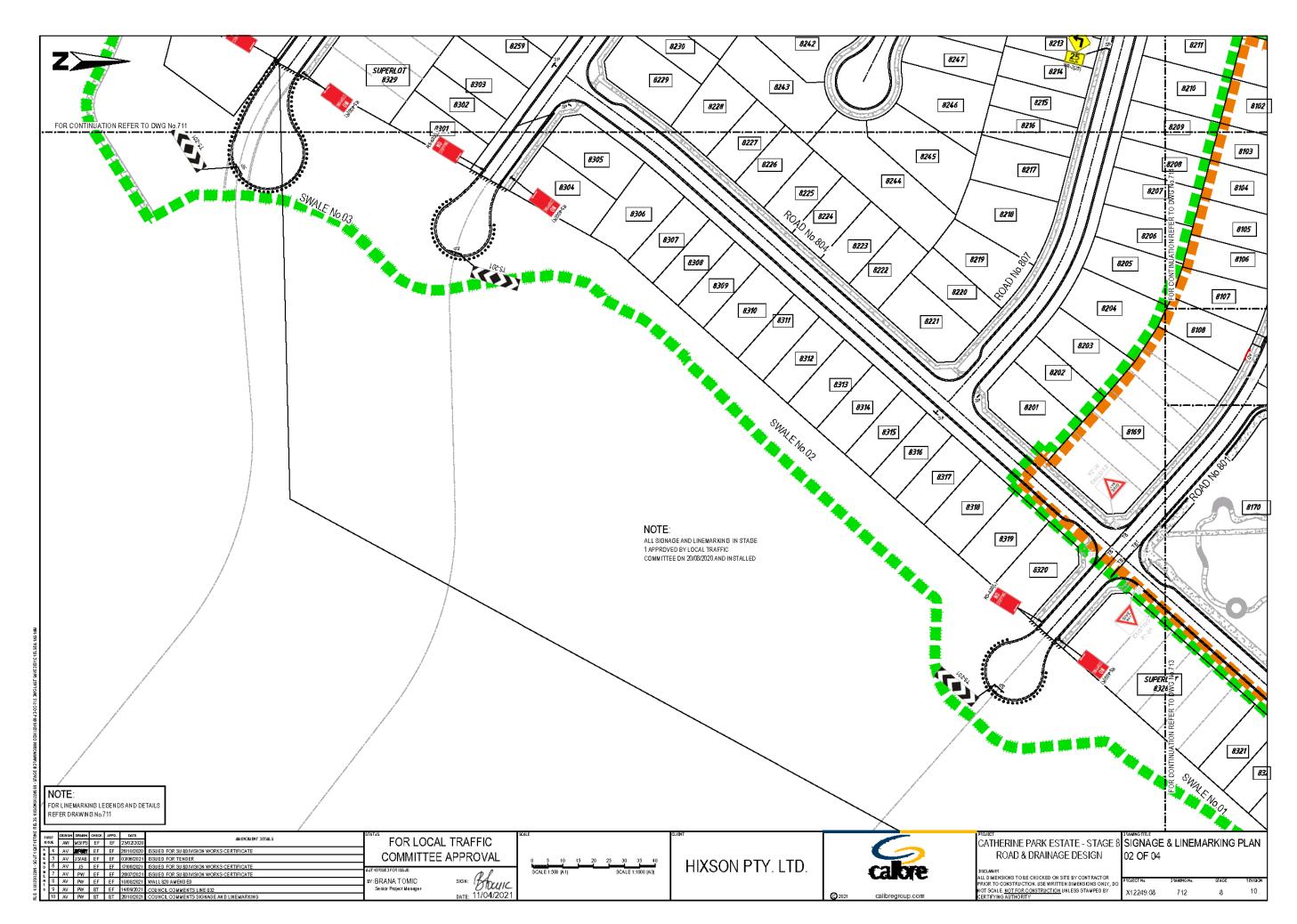
Page 107

**Attachment 2** 

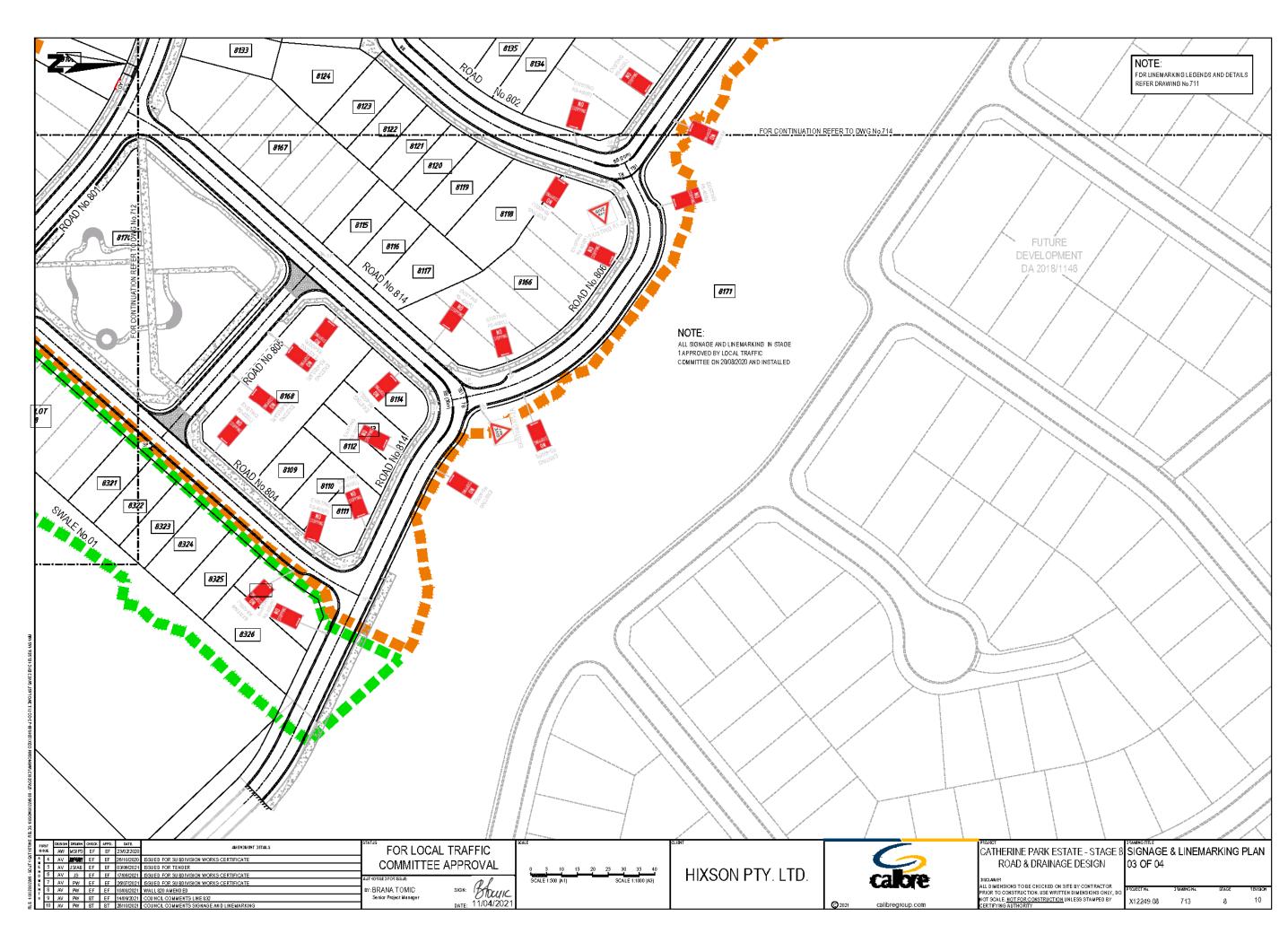


# Attachment 2 - Catherine Park Stage 8C

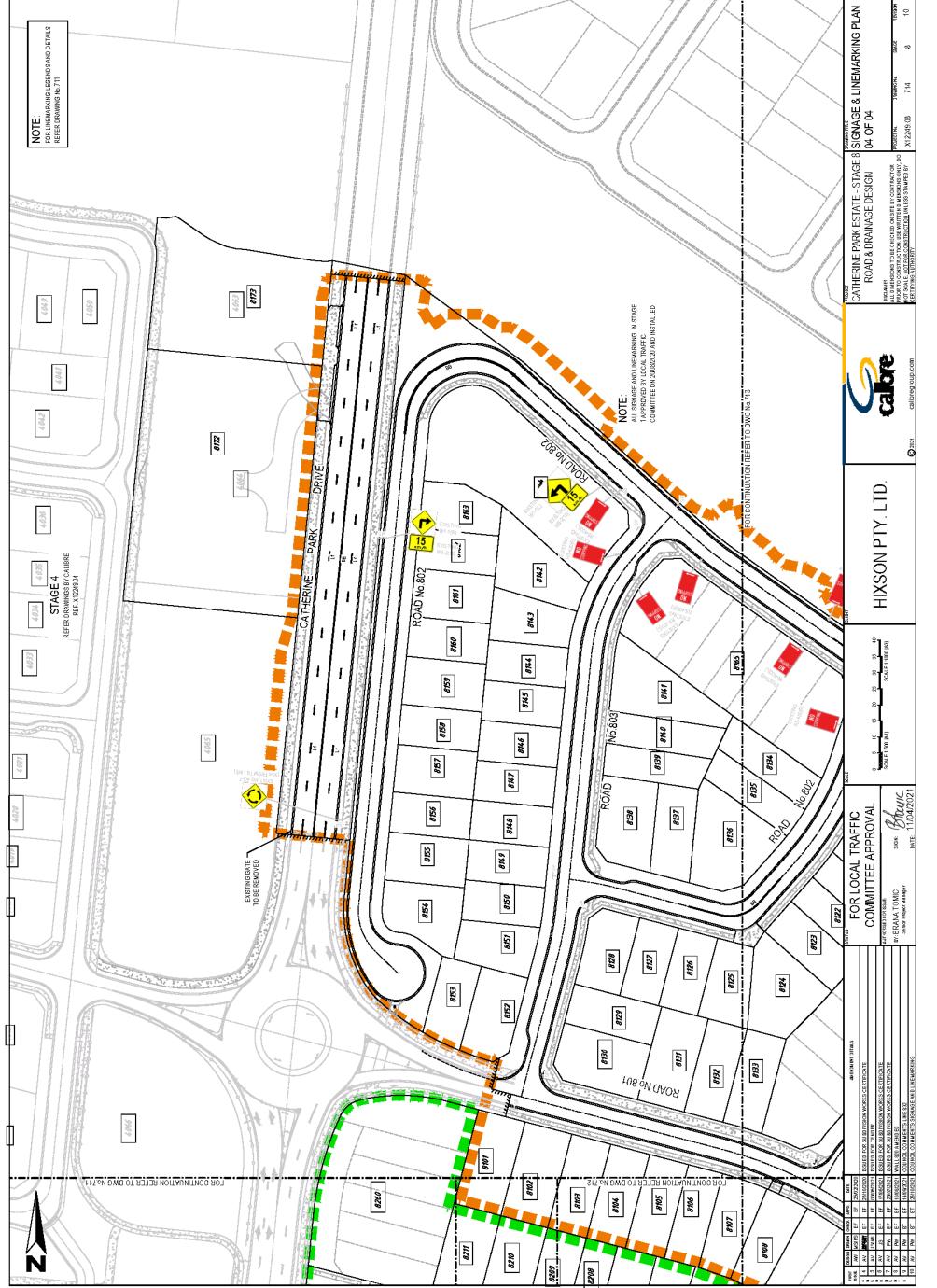
Attachment 2



LTC25



LTC25



Attachment 2

MAR 201 201 201 201 - 00 F1 67 10 F1 6



#### LTC26 SUBJECT: OXLEY STREET, CAMDEN - TEMPORARY SUSPENSION OF PARKING BAYS FOR NSW ELECTORAL COMMISSION

**FROM:** Director Community Assets **TRIM #:** 21/634713

#### ELECTRONIC MEETING ITEM DATE: 19 November 2021

#### PURPOSE OF REPORT

To document concurrence previously provided by the Local Traffic Committee through an Electronic Meeting for Oxley Street, Camden – Temporary Suspension of Parking Bays for NSW Electoral Commission.

A request has been received from the NSW Electoral Commission to suspend three parking spaces on the eastern side of Oxley Street adjacent to the Camden Civic Centre on 4 December 2021. This is to allow safe loading of voting materials at the end of polling day, from 6pm to 8pm. **Attachment 1** shows the proposal.

The proposal is not considered to have a significant impact on parking provision or traffic operations in the area. It is therefore recommended that concurrence is given to the application.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee
2022/08	The Local Traffic Committee recommends that Council gives concurrence for the temporary suspension of three parking spaces on the eastern side of Oxley Street, Camden, adjacent to the Camden Civic Centre, on 4 December 2021. Concurrence is subject to the following conditions:
	<ul> <li>i. The applicant must provide evidence of current Public Liability Insurance, value to \$20 million;</li> <li>ii. The applicant must advise adjacent businesses of the date when the parking spaces will be utilised at least seven days in advance; and</li> <li>iii. The applicant must organise installation and removal all barriers and signs associated with the temporary suspension of parking spaces on the approved date.</li> </ul>

This recommendation was supported unanimously by the four voting members.

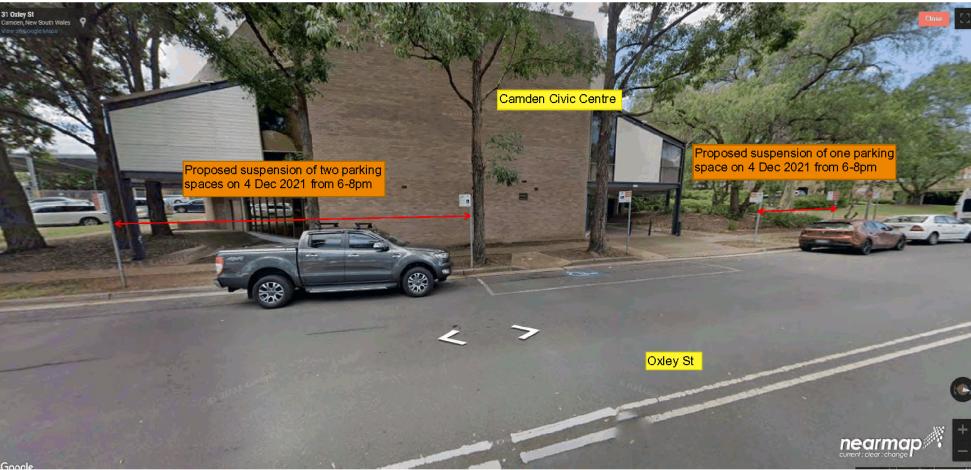
This recommendation has been resolved by a Council Officer under Delegated Authority

#### RECOMMENDED

That Council receives and notes the report on Oxley Street, Camden – Temporary Suspension of Parking Bays for NSW Electoral Commission.

ATTACHMENTS

1. Attachment 1 - Oxley St



LTC26



#### LOCAL TRAFFIC COMMITTEE

LTC27

## SUBJECT:AUSTRALIANREDCROSSBLOODSERVICEDONORMOBILEVEHICLE - TEMPORARYSUSPENSION OF PARKING BAYS IN 2022FROM:Director Community AssetsTRIM #:21/636348

#### **ELECTRONIC MEETING ITEM DATE: 19 November 2021**

#### PURPOSE OF REPORT

To document approval previously provided by the Local Traffic Committee through an Electronic Meeting for Australian Red Cross Blood Service Donormobile Vehicle - Temporary Suspension of Parking Bays in 2022.

The Australian Red Cross Blood Service operates a mobile blood donor service using a large walk-in vehicle and trailer. As per previous years, the Blood Service is proposing to use seven angle parking spaces on the south-west side of the Mitchell Street Car Park (adjacent to Woolworths) to set up the service (see **Attachment 1**). The dates proposed for the Donormobile visits in 2022 are:

Visit 1: 7 February – 11 February 2022 Visit 2: 21 March – 25 March 2022 Visit 3: 9 May - 13 May2022 Visit 4: 20 June – 24 June 2022 Visit 5: 8 August – 12 August 2022 Visit 6: 19 September – 23 September 2022 Visit 7: 7 November – 11 November 2022

The vehicle has successfully operated in this location in the past. The proposal is not considered to have a significant impact on parking provision or traffic operations in the area. It is therefore recommended that concurrence is given to the application

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee
2022/09	The Local Traffic Committee recommends that Council gives concurrence for the temporary suspension of seven parking spaces on the south-west side of the Mitchell Street Car Park, Camden, on the following dates:
	Visit 1: 7 February – 11 February 2022 Visit 2: 21 March – 25 March 2022 Visit 3: 9 May - 13 May2022 Visit 4: 20 June – 24 June 2022 Visit 5: 8 August – 12 August 2022 Visit 6: 19 September – 23 September 2022 Visit 7: 7 November – 11 November 2022



Concurrence is subject to the following conditions:

- i. the applicant must provide evidence of current Public Liability Insurance, value to \$20 million;
- ii. the applicant is to notify Council of any variation on the approved date and conditions of approval and obtain a revised approval on this matter;
- iii. traffic aisles within the car parks being kept clear at all times for the duration of the mobile blood donor service being set up and operational within the car parks;
- iv. the applicant must advise adjacent businesses of the dates in 2021 when the car park will be utilised by the Blood Service, at least seven days prior to the first visit;
- v. the applicant must organise, install and remove all barriers and signs associated with the temporary suspension of parking spaces on the approved dates; and
- vi. that gathering and social distancing requirements shall be adhered to within the carpark in accordance with the requirements of NSW Health suspension of parking spaces on the approved date.

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 Australian Red Cross Blood Service Donormobile Vehicle - Temporary Suspension of Parking Bays in 2022.

#### **ATTACHMENTS**

1. Attachment 1 - Australian Red Cross

#### Oxley / Mitchell Streets Car Park, Camden





LTC28

### SUBJECT:THE RAPIDS, THE CASCADES AND DEEP POOL WAY, MOUNT<br/>ANNAN - TEMPORARY NO STOPPING RESTRICTIONSFROM:Director Community Assets

**TRIM #:** 21/636385

#### ELECTRONIC MEETING ITEM DATE: 1 December 2021

#### PURPOSE OF REPORT

To document concurrence previously provided by the Local Traffic Committee through an Electronic Meeting for The Rapids, The Cascades and Deep Pool Way, Mount Annan - Temporary No Stopping Restrictions.

Council proposes temporary No Stopping restrictions in The Rapids, The Cascades and Deep Pool Way, Mount Annan. This is in response to community concerns about traffic flow caused by people visiting Christmas lights displays. **Attachment 1** shows the proposal. As in previous years, the restrictions are proposed to operate between 8:00pm to 11pm from 3 December 2021 to 4 January 2022. Should visitor numbers not transpire, consideration will be given to removing the signage earlier.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee
2022/10	The Local Traffic Committee recommends that Council approves timed No Stopping restrictions (8:00PM – 11:00PM) (R5-402 signage) in Mount Annan between 3 December 2021 to 4 January 2022, to enable Council to respond to visitation numbers as required, as follows:
	<ul> <li>i. The southern side of The Rapids and around the intersection of The Rapids and The Cascades;</li> <li>ii. The Cascades, opposite The Rapids and Deep Pool Way intersections; and</li> <li>iii. The southern side of Deep Pool Way between The Cascades</li> </ul>
	iii. The southern side of Deep Pool Way between The Cascades and The Highwater.

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 The Rapids, The Cascades and Deep Pool Way, Mount Annan - Temporary No Stopping Restrictions.

#### ATTACHMENTS

1. Attachment 1 - The Cascades Mount Annan - Temporary No Stopping Restrictions







#### LOCAL TRAFFIC COMMITTEE

LTC29

#### SUBJECT: CENTRAL AVENUE, ORAN PARK - SIGNAGE, LINE-MARKING AND DEVICES ASSOCIATED WITH LEISURE CENTRE

FROM:Director Community AssetsTRIM #:21/636416

#### ELECTRONIC MEETING ITEM DATE: 3 December 2021

#### PURPOSE OF REPORT

To document concurrence previously provided by the Local Traffic Committee through an Electronic Meeting for Central Avenue, Oran Park - Signage, Line-marking and Devices Associated with Leisure Centre.

A signage and line-marking plan has been received by Council for the construction of new roads associated with the development of Oran Park Leisure Centre. The Location is highlighted on **Attachment 1**. This relates to the Development Application number: DA/2020/196/1.

The Engineering Drawing No. 701 Rev. 5 (project number: 19-000947) prepared by Calibre Consulting provides details of the proposed signage and line-marking (**Attachment 2**). The plan is considered to be in accordance with Austroads, Australian Standards and TfNSW supplements for the placement of regulatory signage and line marking.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee
2022/11	The Local Traffic Committee recommends that Council, approves regulatory signage and line-marking associated with the development of Oran Park Leisure Centre as shown on the Engineering Drawing No. 701 Rev. 5 (project number: 19-000947) subject to:
	<ul> <li>All signage being sign size A;</li> <li>The installation being completed by the applicant at their cost; and</li> <li>Street lighting levels for intersections 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 Central Avenue, Oran Park - Signage, Line-marking and Devices Associated with Leisure Centre.

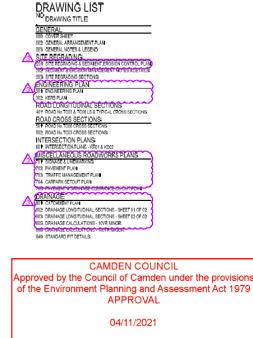
#### ATTACHMENTS

- 1. Attachment 1 Oran Park Leisure Centre
- 2. Attachment 2 Oran Park Leisure Centre

## calibre group.com

### ORAN PARK - LEISURE CENTRE ROAD & DRAINAGE DESIGN



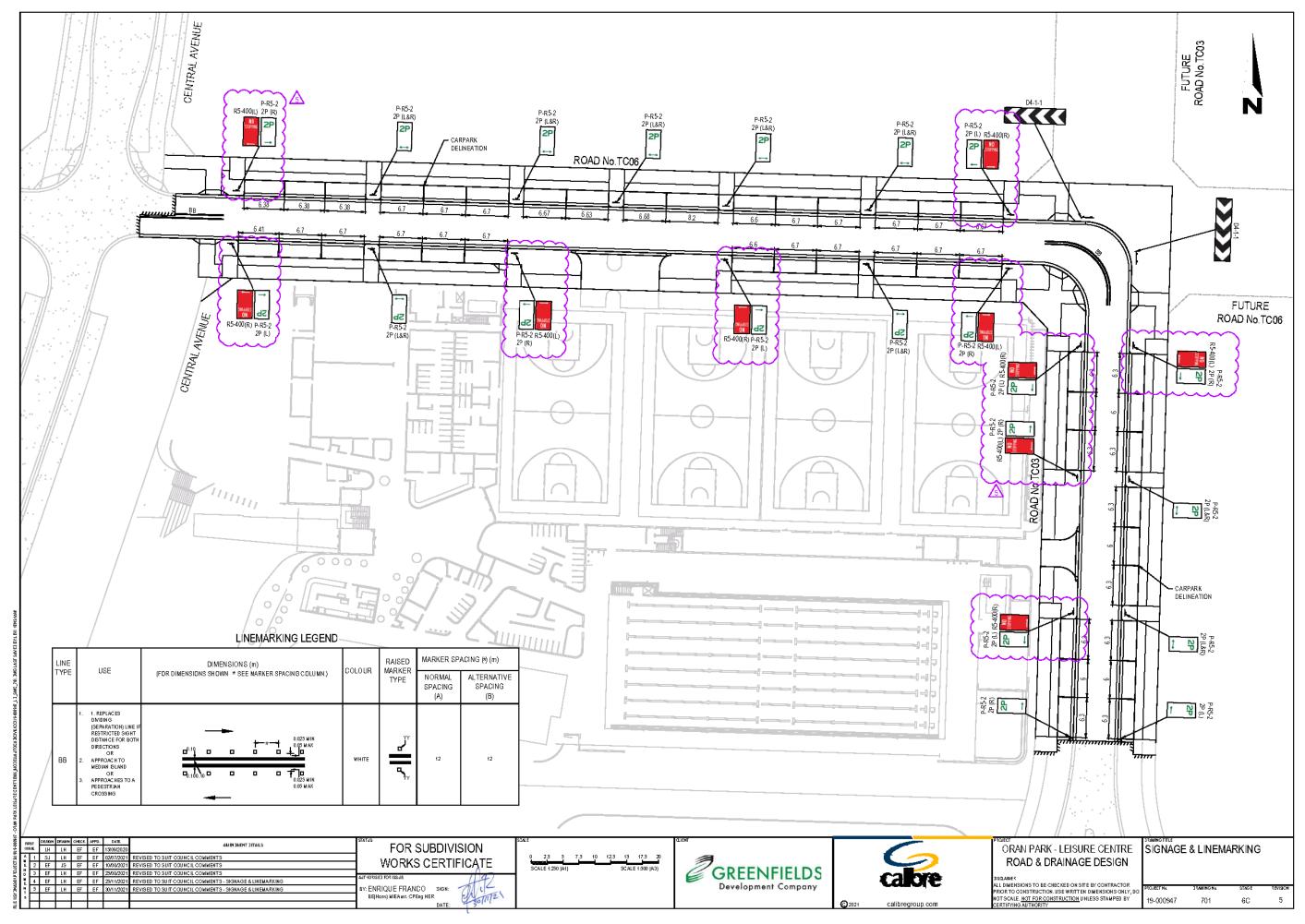


SUBDIVISION WORKS CERTIFICATE

DA/2020/196/1 SWC.16.2020.196.1



Attachment 1 -



## Attachment 2 - Oran Park Leisure Centre

LTC29

Attachment 2



#### LOCAL TRAFFIC COMMITTEE

LTC30

## SUBJECT: FORDHAM WAY, ORAN PARK - SIGNAGE, LINE-MARKING AND DEVICES FROM: Director Community Assets TRIM #: 21/636858

#### ELECTRONIC MEETING ITEM DATE: 3 December 2021

#### PURPOSE OF REPORT

To document concurrence previously provided by the Local Traffic Committee through an Electronic Meeting for Fordham Way, Oran Park - Signage, Line-marking and Devices

A signage and line-marking plan has been received by Council for the construction of new roads associated with the development of Oran Park Leisure Centre. The Location is highlighted on **Attachment 1**. This relates to the Development Application number: DA/2020/196/1.

The Engineering Drawing No. 701 Rev. 5 (project number: 19-000947) prepared by Calibre Consulting provides details of the proposed signage and line-marking (**Attachment 2**). The plan is considered to be in accordance with Austroads, Australian Standards and TfNSW supplements for the placement of regulatory signage and line marking.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee
2022/12	The Local Traffic Committee recommends that Council, approves regulatory signage and line-marking associated with the extension of Fordham Way, Oran Park as shown on the Engineering Drawing No. 18B14_C2_C600, Rev. 1 subject to:
	<ul> <li>i. Additional No Stopping signage (R5-400) being installed as shown on the markup plan;</li> <li>ii. All signage being sign size A;</li> <li>iii. The installation being completed by the applicant at their cost; and</li> <li>iv. Street lighting levels for intersections 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 Fordham Way, Oran Park - Signage, Line-marking and Devices

ATTACHMENTS

- 1. Attachment 1 Fordham Way
- 2. Attachment 2 Fordham Way

Sheet Number	Sheet Name	Revision
LD-CD200	COVER SHEET	с
LD-CD201	MATERIAL AND PLANT SCHEDULES	Ċ
LD-CD202	SITE PLAN	C
LD-CD203	DETAIL PLAN 1	C
LD-CD204	DETAIL PLAN 2	c
LD-CD205	DETAIL PLAN 3	С
LD-CD206	TYPICAL HARDWORKS DETAILS	С
LD-CD207	TYPICAL SOFTWORKS DETAILS	Ċ

NOTE:

 DO NOT SCALE FROM DRAWINGS, WRITTEN DIMENSIONS GOVERN. IF IN DOUBT OBTAIN WRITTEN ADVICE FROM SCOTT CARVER OR WHERE APPLICABLE VIA THE PRINCIPAL'S REPRESENTATIVE.

ALL DMENSIONS ARE IN ALL METRIES UNLESS OTHERWISE STATED ALL DMENSIONS ARE MINIMUM SETTING OUT REQUIREMENTS.
 ALL DMENSIONS SHOLD BE VERIFIED ON SITE PRIOR TO PROCEEDINGWITH THE WORKS. NOTIFY THE PRINCIPAL S REPRESENTATIVE
 IN WITTING CAMP DISCREPANCES

ALL LANDSCAPE DRAWINGS MUST BE READ IN COMUNICION WITH RELEVANT CONTRACTS, LANDSCAPE REPORTS, BCHEDULES AN SPECIFICATION SAN DAIL OTHER CONSULTANT CONTRACT DOCUMENTATION, NOTHER THE PRINCIPALS REPRESENTATIVE OF ANY DISCREPANCIES BETWEEN DOCUMENTATION IN WRITING TO OBTAIN CLARIFICATION DIRECTION

 INSTALLATION OF SYSTEMS AND PROPRIETARY PRODUCTS TO BE STRUCTLY N ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
 ALL WORK TO COMPLY WITH THE WATIONAL CONSTRUCTION CODE INCLUONG RELEVANT AUSTRALAN STANDARDS AND RECURRENTS OF THE BUILDING CODE OF AUSTRALIA ANA AUSTRALAN WORK HEALT HAND SHEPTY LEDISLATION.

> Level One, One Chifley Square Sydney NSW 2000 Australia www.scattcarver.com.au +61 2 9957 3988

DESIGN DRAWINGS ARE BASED ON SURVEY INFORMATION. PRIOR TO DETAILED DESIGN AND CONSTRUCTION, THE CONTRACTOR IS TO
UNDERTAKE A FLLL SURVEY TO VERIFY ALL DIMENSIONS AND CONFIRM LOCATION OF EXISTING

#### ORAN PARK - COMMERCIAL 2 ROAD SUBDIVISION

LANDSCAPE: FOR TENDER

PROPOSED FORDHAM WAY EXTERNAL WORKS ORAN PARK DRIVE, ORAN PARK NSW

CLIENT

GREENFIELDS DEVELOPMENT COMPANY



CONTEXT MAP NTS

Project PROPOSED FORDHAM WAY EXTERNAL WORKS

[Client] GREENFIELDS DEVELOPMENT COMPANY

CAMDEN COUNCIL Approved by the Council of Camden under the provisions of the Environment Planning and Assessment Act 1979 APPROVAL 04/11/2021 SUBDIVISION WORKS CERTIFICATE DA201980941 SWC 16 2019 606 3

NOT FOR CONSTRUCTION

COVER SHEET

[Ref] 20180186 [Drug No]LD-CD200[Rev]C

LTC30

Attachment 1 - Fordham Way

Page

127

This is the report submitted to the Local Traffic Committee Meeting held on 01 February 2022

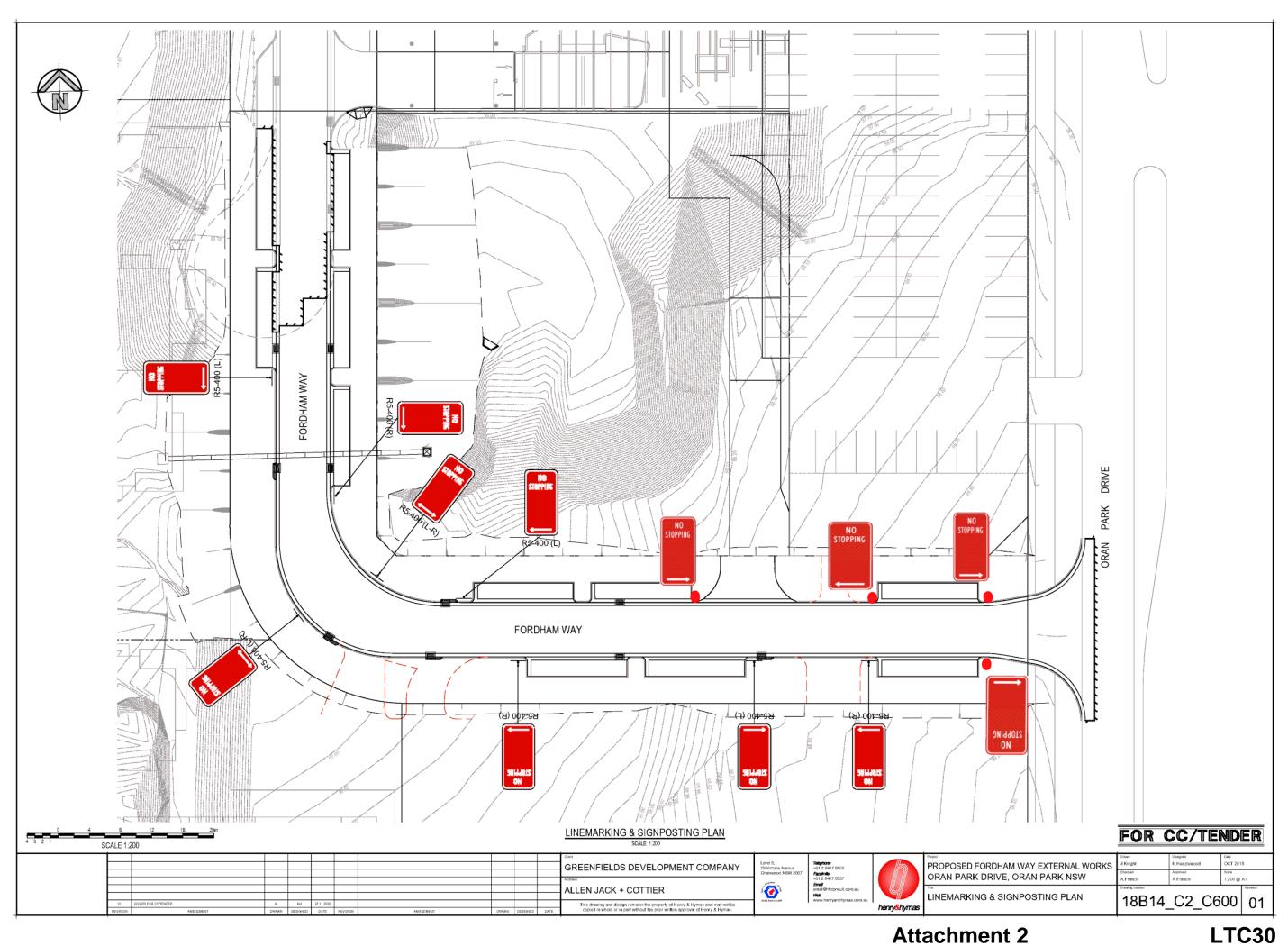
FOR TENDER

et] Esther Dickinsu RLA | RUD #1053 20180186-LD-CD200.DWG-31 August 2021

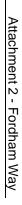
FOR TENDER: 10.08.21 FOR TENDER: 31.08.21

Historu

[Status]







Attachment 2



#### LOCAL TRAFFIC COMMITTEE

LTC31

#### SUBJECT: OLIVE HILL DRIVE, COBBITTY - SIGNAGE, LINE-MARKING AND DEVICES ASSOCIATED WITH OXLEY RIDGE DISPLAY VILLAGE FROM: **Director Community Assets** TRIM #: 21/636885

#### **ELECTRONIC MEETING ITEM DATE: 10 December 2021**

#### **PURPOSE OF REPORT**

To document concurrence previously provided by the Local Traffic Committee through an Electronic Meeting for Olive Hill Drive, Cobbitty - Signage, Line-marking and Devices Associated With Oxley Ridge Display Village.

A signage and line-marking plan has been received by Council for the construction of new roads and temporary carpark associated with development of Oxley Ridge Display Village in Cobbitty. The Location is highlighted on Attachment 1. This relates to the Development Application number: DA/2020/96/1.

The Engineering Drawing No. 201, Rev. D (Project No. 21-0123) prepared by Orion Consulting provides details of the proposed signage and line-marking (Attachment 2). The plan is considered to be in accordance with Austroads, Australian Standards and TfNSW supplements for the placement of regulatory signage and line marking.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee
2022/13	The Local Traffic Committee recommends that Council, approves regulatory signage and line-marking associated with the development of Oxley Ridge Display Village, Cobbitty as shown on the Engineering Drawing No. 201, Rev. D (Project No. 21-0123) subject to:
	<ul> <li>i. Temporary carpark being removed at the expiration of the use of the Display Village by the applicant at their cost;</li> <li>ii. All signage being sign size A;</li> <li>iii. The installation being completed by the applicant at their cost; and</li> <li>iv. Street lighting levels for intersections 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**

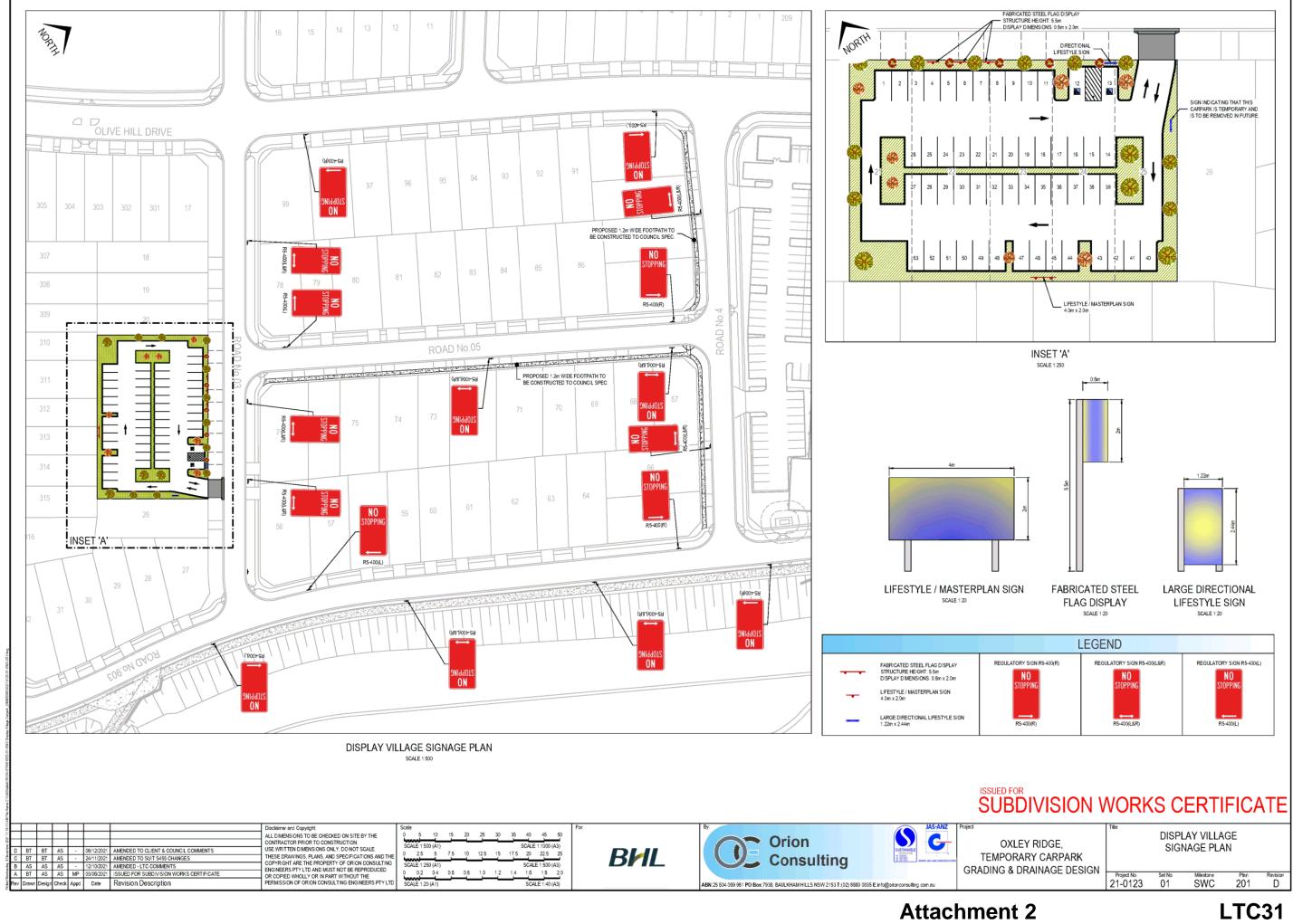
That Council receives and notes the report on Olive Hill Drive, Cobbitty - Signage, Line-marking and Devices Associated With Oxley Ridge Display Village.

#### ATTACHMENTS

- 1. Attachement 1 Oxley Ridge Display Village
- 2. Attachement 2 Oxley Ridge Display Village









LTC32

#### SUBJECT: THE HERMITAGE WAY / GLEDSWOOD HILLS DRIVE, GLEDSWOOD HILLS - PEDESTRIAN REFUGES WITH ASSOCIATED SIGNAGE AND LINE-MARKING

FROM:Director Community AssetsTRIM #:22/12377

#### ELECTRONIC MEETING ITEM DATE: 13 December 2021

#### PURPOSE OF REPORT

To document concurrence previously provided by the Local Traffic Committee through an Electronic Meeting for The Hermitage Way / Gledswood Hills Drive, Gledswood Hills - Pedestrian Refuges With Associated Signage and Line-marking.

Council is installing pedestrian refuges in The Hermitage Way and Gledswood Hills Drive, Gledswood Hills (see **Attachment 1**). The locations on The Hermitage Way are south of Sandhurst Drive, north of Fairbank Drive and north of Gledswood Hills Drive. Detailed signage and line-marking plans for these locations are provided in **Attachment 2**). The locations on Gledswood Hills Drive are east of Amberly Street, west of Verdant Drive and east of Mayfield Place. Detailed signage and line-marking plans for these locations are provided in **Attachment 3**).

This project is funded from the Federal Stimulus Road Safety Program 2021/22.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee
2022/14	The Local Traffic Committee recommends that Council approves in The Hermitage Way and Gledswood Hills Drive, Gledswood Hills, six pedestrian refuges and associated signage and line-marking, detailed in Drawing Plan Nos. 2021-030 Sheet 4 of 6, 2021-031 Sheet 5 of 7, 2021-036 Sheet 4 of 6, 2021-052 Sheet 6 of 7, 2021-056 Sheet 6 of 7 and 2021-057 Sheet 7 of 8.

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 The Hermitage Way / Gledswood Hills Drive, Gledswood Hills - Pedestrian Refuges With Associated Signage and Line-marking.

ATTACHMENTS



- Attachment 1 The Hermitage Way and Gledswood Hills Drive Locations Attachment 2 The Hermitage Way Plans 1.
- 2.
- Attachment 3 Gledswood Hills Drive Plans 3.

The Hermitage Way - Pedestrian Refuges



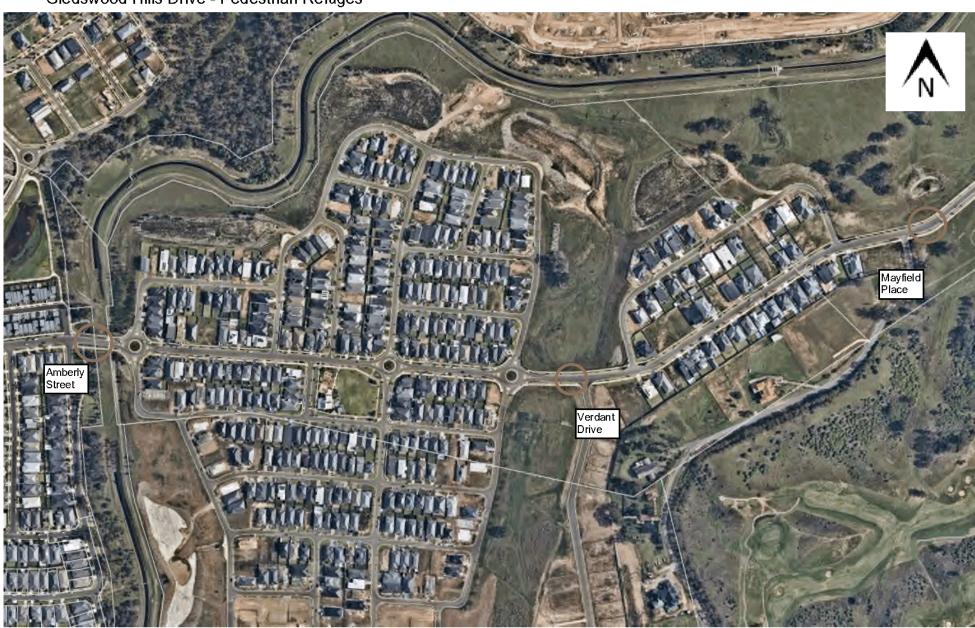


Attachment 1

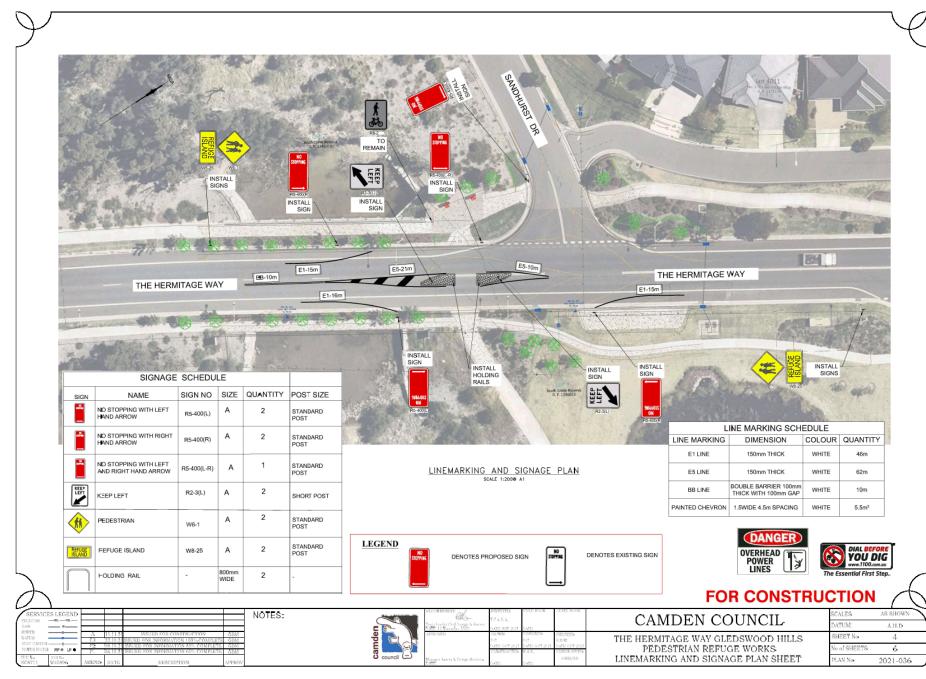
LTC32

Attachment 1 - The Hermitage Way and Gledswood Hills Drive Locations

Gledswood Hills Drive - Pedestrian Refuges



LTC32

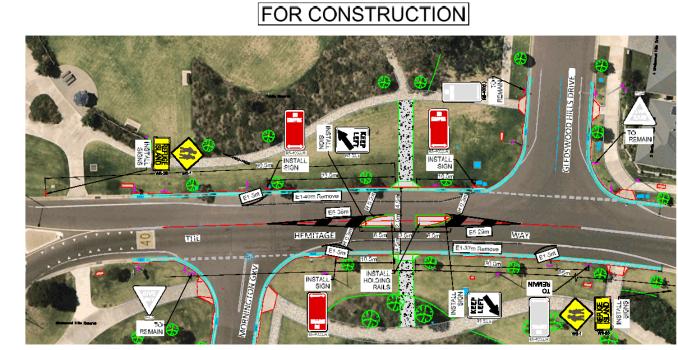


#### Attachment 2

#### LTC32

Attachment 2 -

The Hermitage Way Plans



#### PAVEMENT MARKING & SIGNPOSTING PLAN THE HERMITAGE WAY

	SIGNAGE SCHEDULE									
SIGN	SIGN NAME SIGN NO SIZE QUANTITY POST SIZE									
	NO STOPPING WITH LEFT / RIGHT HAND SIDE ARROW	35-400(LR)	A	3	STANDARD POST					
	KEEP LEFT	R2-3(L)	A	2	SHORT POST					
	PEDESTRIAN	W6-1	A	2	STANDARD POST					
	REFUGE ISLAND	W8-25	A	2	STANDARD PÖST					
$\bigcap$	HÖLDING RAIL	-	800mm WIDE	2	-					

LINEMARKING:	
E1 Line	1
BB Line	(35 (16, (35
E5 Line	
Chevron <b>i</b>	

#### NOTE:

 USE THERMOPLASTIC PAINT, PAVEMENT MARKING AND SIGNPOSTING TO BE IN ACCORDANCE WITH THE AS 1742.2-2009. 2. KERBSIDE LANE WIDTHS INCLUDE THE WIDTH OF THE GUTTER.

3. PROVIDE 15m OF E1 LINE.

4. PROVIDE 35m OF PAINTED CHEVRON WITH RPM'S AT 6m SPACING. S PROVIDE 65m OF E5 LINE.

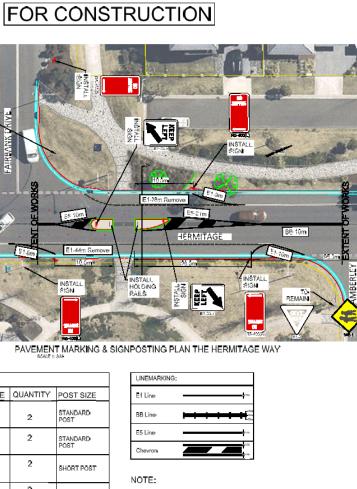
6. REMOVE AND REINSTATE THE EXISTING SIGNS 300MM BEHIND THE NEW KERB AND GUTTER AS SHOWN ON THE PLAN.



												_ (
nee.	LEGEND					RECOMMENDED	SURVEYED	FIELD BOOK	LEVEL BOOK		SCALES	Har 1200
	LEGEND					46-	A DAST	EEM	EBM			78.138
-						Tearn Luider Civil Design & Survey	DATE ALS 2021	DATE			DATUM	AHD
-						APPROVED		DESIGNED	CHECKED		SHEET Not	
							A.95	A.V.	G.M	THE HERMITAGE WAY NEAR GLEDSWOOD HILLS DRIVE	SHEET NO	6
	R + 17 4	At	19/10/21	ISSUED FOR CONSTRUCTION	ODM			DATE OCT 2021		PROPOSED PEDESTRIAN REFUGE	No of SHEETS	7
		P1	24/08/21	ISSUED FOR INFORMATION	GBM		CONSTRUCTED	WAE.	DESIGN SPEED			
ŕ	CB No. 2-100133	AMMEND	DATE	DESCRIPTION	APPROV	Marvager Assetts & Danigo Servicos DATE	DATE	DATE		LINEMARKING AND SIGNPOSTING SHEET	PLAN No	2021-055

SERVICE TELECOM GAS SEWER WATER ELEC CARL US POWER FOLES

FLE No. SC8711



 USE THERMOPLASTIC PAINT, PAVEMENT MARKING AND SIGNPOSTING TO BE IN ACCORDANCE WITH THE AS 1742.2-2009. 2. KERBSIDE LANE WIDTHS INCLUDE THE WIDTH OF THE GUTTER. 3. PROVIDE 17m OF BB LINE WITH RPM'S AT 12m SPACING. 4. PROVIDE 27m OF E1 LINE. 5. PROVIDE 22m OF PAINTED CHEVRON. 5. PROVIDE 50m OF E5 LINE. 7.RI Bi



WAY



			EXISTING SIGNS 300MM SUTTER AS SHOWN ON THE PLAN.	The Assertici Pirci Step.	
MB A	PIELD BOOK:	LEVEL BOOK		COLINICI	SCALES
	DATE	ELV.	CAMDEN	COUNCIL	DATUM

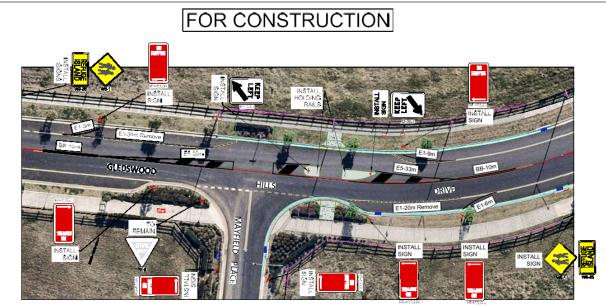
	ES LEGEND					RECOMMENTED	SURVEYED	FIELD BOOK:	LEVEL BOOK		SCALES	Hor 1583
TELECOM						Sam Louder Chill Design nå Survey	LCADA.	2DM	EDR	CAMDEN COUNCIL	DATUM	
SEWER						IATE	DATE AUG 2021	DATE		•••••••••	DATUM	AHD
ATER						APPROATES	DRAWN	DESIGNED	CHECKED	THE HERMITAGE WAY NEAR FAIRBANK DRIVE	SHEET No	6
	a	A 29/05	21 ISSUED FO	R CONSTRUCTION	GBM		DATE SEP 2021	DATE SEP SM	DATE: SEP 2021	PROPOSED PEDESTRIAN REFUGE	No of SHEETS	-
OWELPOLES		PH 26/07	21 ISSUED FC	R INFORMATION	GBM		CONSTRUCTED	WYE-	DESIGN SPEED		NOOLOHEELO	
SC8711	.2011 Not 同-100133	AMMEND DAT	DES	RIPTION	APPROV	Auroger Asserbeik Denign Services Talltite	ATE	DATE		LINEMARKING AND SIGNPOSTING SHEET	PLAN No	2021-052

## TÓ -REMAIN 5 10m (i) THE. E1-44m Semov INSTALL SIGN

	SIGNAGE SCHEDULE								
SIGN	NAME	SIGN NO	SIZE	QUANTITY'	POST SIZE				
	NO STOPPING WITH RIGHT HAND SIDE ARROW	R5-400(R)	A.	2	STANDARD POST				
	NO STOPPING WITH LEFT HAND SIDE ARROW	R5-400(L)	A	2	STANDARD POST				
	KEEP LEFT	R2-3(L)	A	2	SHORT POST				
	PEDESTRIAN	VH8-1	A	2	STANDARD POST				
	REFUGE ISLAND	W8-25	A.	2	STANDARD POST				
$\square$	HOLDING RAIL		800mm WIDE	2	-				

#### LTC32

Attachment 2 - The Hermitage Way Plans



PAVEMENT MARKING & SIGNPOSTING PLAN GLEDSWOOD HILLS DRIVE

SIGNAGE SCHEDULE							
SIGN	NAME	SIGN NO	SIZE	QUANTITY	POST SIZE		
	NO STOPPING WITH RIGHT HAND SIDE ARROW	R5-400(R)	A	3	STANDARD POST		
	NO STOPPING WITH LEFT HAND SIDE ARROW	R5-400(L)	A	3	STANDARD POST		
	NO STOPPING WITH LEFT/ RIGHT HAND SIDE ARROW	R5-400(L)	A	1	STANDARD POST		
	KEEP LEFT	R2-3(L)	A	2	SHORT POST		
<b>()</b>	PEDESTRIAN	W6-1	A.	2	STANDARD POST		
<b>385</b>	REFUGE ISLAND	W8-25	A	2	STANDARD PÖST		
			800mm	2			

LINEMARKING:	
E1 Line	<del></del> †
BB Line-	
E5 Line	
Chevron	

#### NOTE:

 USE THERMOPLASTIC PAINT, PAVEMENT MARKING AND SIGNPOSTING TO BE IN ACCORDANCE WITH THE AS 1742.2-2009. 2. KERBSIDE LANE WIDTHS INCLUDE THE WIDTH OF THE GUTTER. 3. PROVIDE 21m OF E1 LINE.

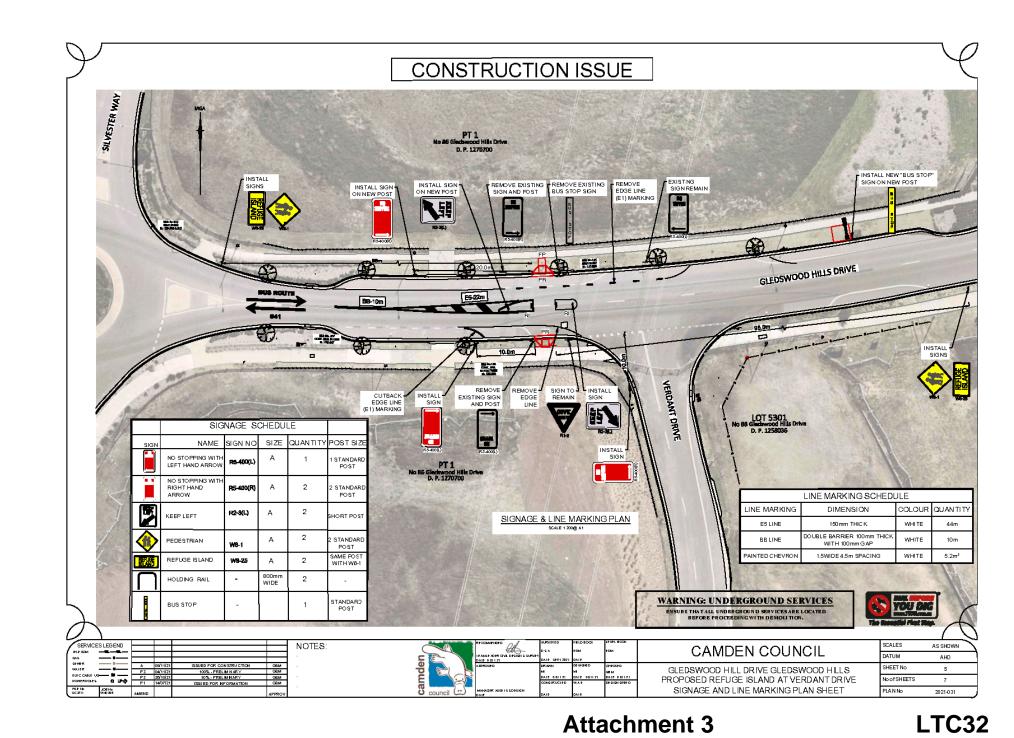
- 4. PROVIDE 45m OF PAINTED CHEVRON WITH RPM'S AT 6m SPACING. 5. PROVIDE 83m OF E5 LINE.
- 6. REMOVE AND REINSTATE THE EXISTING SIGNS 300MM BEHIND THE NEW KERB AND GUTTER AS SHOWN ON THE PLAN.



/ `	۱											- (
	S LEGEND					RECOMMENDED CH	SURVEYED	FELS BOOK	IT WE BOOK		SCALES	Hor Vor
						From Lender Cold Doogn & Sarvey	10405	EDM	EDM.	CAMDEN COUNCIL	DATUM	Ał
- 213 1112 -						APTROVED	CERTIFICATION	DESIGNED	CHECKED	GLEDSWOOD HILLS DRIVE NEAR MAYFIELD PLACE	SHEET No	7
CABLING - ER POLES	N De	A 29/	10/21	ISSUED FOR CONSTRUCTION ISSUED FOR INFORMATION	GBM		DATE OCT 2021		DATE OCT 2021 DESIGN SPIED	PROPOSED PEDESTRIAN REFUGE	No of SHEETS:	6
Ma 8711	309 Nor F-100133	AMMEND DA	U721	DESCRIPTION	1555/1/A	Menager Awards & Design Services	CONSTRUCTED	a a c	LESGN SPIEL	LINEMARKING AND SIGNPOSTING SHEET	PLAN No	2021

5080

# Attachment 3 - Gledswood Hills Drive Plans



Page 145



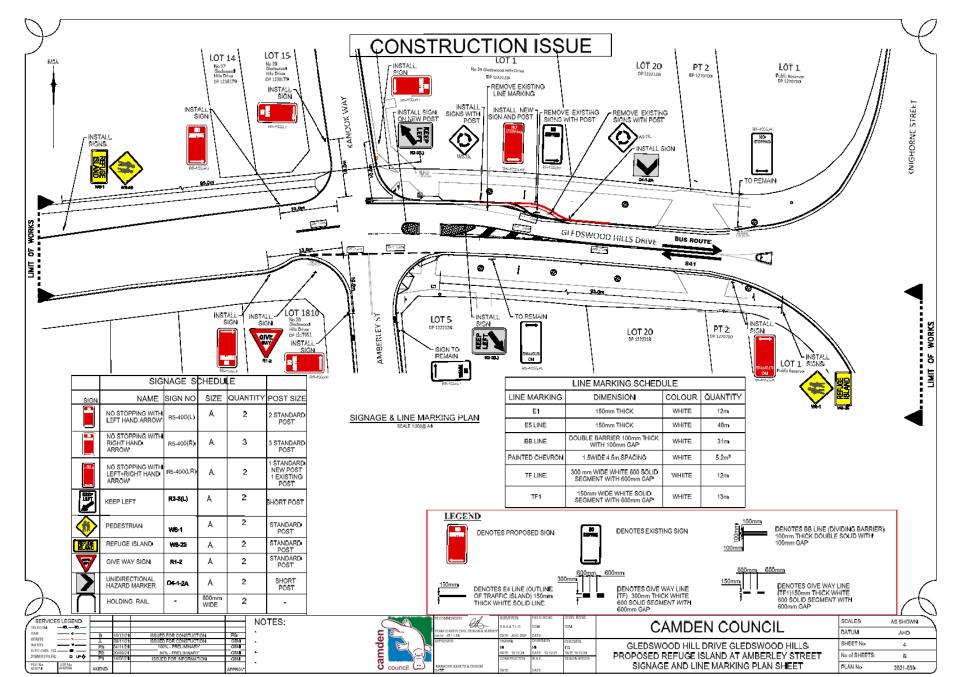
Attachment 3

Attachment 3

τ.

**Gledswood Hills Drive** 

Plans





#### LOCAL TRAFFIC COMMITTEE

LTC33

## SUBJECT:ROBERT INGHAM DRIVE, CATHERINE FIELD - SIGNAGE, LINE-<br/>MARKING AND DEVICES ASSOCIATED WITH CATHERINE PARK<br/>STAGE 9FROM:Director Community AssetsTRIM #:22/12406

#### ELECTRONIC MEETING ITEM DATE: 17 December 2021

#### PURPOSE OF REPORT

To document concurrence previously provided by the Local Traffic Committee through an Electronic Meeting for Robert Ingham Drive, Catherine Field - Signage, Linemarking and Devices Associated with Catherine Park Stage 9.

#### MAIN REPORT

Signage and line-marking plans have been received by Council for the construction of new roads associated with development of. The Location is highlighted on **Attachment 1**. This relates to the Development Application number: DA/2018/1146/1.

The Engineering Drawing No. CI-480-0001, Rev. 3, CI-480-0002, Rev.4, CI-480-0003, Rev.3, CI-480-0004, Rev.3, CI-480-0005, Rev.3, CI-480-0006, Rev.2 prepared by Stantec Consulting provides details of the proposed signage and line-marking (**Attachment 2**). The plans are considered to be in accordance with Austroads, Australian Standards and TfNSW supplements for the placement of regulatory signage and line marking.

Electronic Meeting Reference	Agreed recommendation of the Local Traffic Committee			
2022/15	The Local Traffic Committee recommends that Council, approves regulatory signage and line-marking associated with the development of Catherine Park Stage 9 as shown on the Engineering Drawing No. CI-480-0001, Rev. 3, CI-480-0002, Rev.4, CI-480-0003, Rev.3, CI-480-0004, Rev.3, CI-480-0005, Rev.3, CI-480- 0006, Rev.2 subject to:			
	<ul> <li>i. All signage being sign size A;</li> <li>ii. The installation being completed by the applicant at their cost; and</li> <li>iii. Street lighting levels for intersections 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



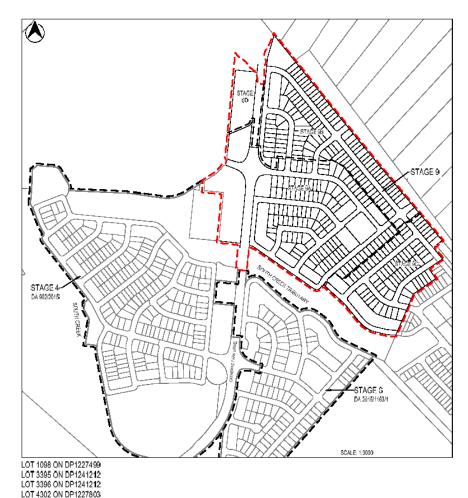
#### RECOMMENDED

That Council receives and notes the report on Robert Ingham Drive, Catherine Field - Signage, Line-marking and Devices Associated with Catherine Park Stage 9.

#### ATTACHMENTS

- 1. Attachment 1- Catherine Park Stage 9
- 2. Attachment 2 Catherine Park Stage 9

#### SUBDIVISION WORKS CERTIFICATE - CIVIL WORKS



#### Sheet List Table Sheet Numb CI-000-0001 COVER SHEET CLIMANIER GENERAL ARRANGEMENT, STAGING & KEY PLAN CI-050-0001 EXISTING UTILITIES & SITE CONSTRAINTS PLAN CI-007-0001 GEVERAL NOTES CLORADON EDISION & SERVICENT CONTROL DURY, SUBST 1 OF 3 CHIPOTOTOTIC EROSION & SEDIMENT CONTROL PLAN - SHEET 1 OF 2 CHIPOTODO2 EROSION & SEDIMENT CONTROL PLAN - SHEET 2 OF 2 CHIPOTODO2 EROSION & SEDIMENT CONTROL DETAILS - SHEET 1 OF 2 Chi2A/002 EBOSION & SEDMENT CONTROL DETAILS - SHEET 2 OF 2 CI-080-0001 COMBINED SERVICES PLAN - SHEET 1 OF G CI-080-0002 COMBINED SERVICES PLAN - SHEET 2 OF G CH30-0000 COMBINED SERVICES PLAN - SHEET 3 OF 6 CH30-0000 COMBINED SERVICES PLAN - SHEET 3 OF 6 CH30-0004 COMBINED SERVICES PLAN - SHEET 4 OF 6 CH080-0006 COMBINED SERVICES PLAN - SHEET 5 OF 6 CH030-0006 COMBINED SERVICES PLAN - SHEET 6 OF 6 CI-100-0001 BULK EARTHWORKS PLAN - SHEET 1 OF 6 OLYMMORE BULK EAST-AMIRYS PLAN, SHEET 2 OF 9 CI-100-0003 BULK EARTHWORKS PLAN - SHEET 3 OF G CH100-0004 BULK EARTHWORKS PLAN - SHEET 4 OF 6 CL100-0005, BLUK FARTHWORKS PLAN - SHEET 5 OF 6 CHI00-0006 BULK EARTHWORKS PLAN - SHEET 6 OF 6 CHI02-0006 BULK EARTHWORKS IONG SECTIONS - SECTIONS A & B CH02,002 BULK EART-MARKS LONG SECTIONS . SECTION C CH02-002 BOLK EARTHWORKS IONG SECTIONS - SECTION D CH02-003 BULK EARTHWORKS IONG SECTIONS - SECTION D CH02-0004 BULK EARTHWORKS IONG SECTIONS - SECTION E CLASSING EVISIONO UTUTIES LONG SECTIONS - TRANSCERE OVERHEAD CI-200-0001 RETAINING WALL PLAN - SHEET 1 OF G CL200-0002: RETAINING WALL PLAN - SHEET 2 OF G CI-200-0003 RETAINING WALL PLAN - SHEET 3 OF G CI-200-0004 RETAINING WALL PLAN - SHEET 4 OF G CL200-000G RETAINING WALL PLAN - SHEET 5 OF G CI-200-0006 RETAINING WALL PLAN - SHEET 6 OF 6 CI-200-0007 RETAINING WALL - DETAILS CLWAMINE RETAINING WALL, SUBSOLIDEAINAGE DETAILS. CI-202-0001 RETAINING WALL LONG SECTIONS - SHEET NOF 15 CI-202-0002: RETAINING WALL LONG SECTIONS - SHEET 2/OF 15 CH202-0003 RETAINING WALL LONG SECTIONS - SHEET 3/OF 15 CI-202-0004 RETAINING WALL LONG SECTIONS - SHEET 40F 15 CL202-0009 RETAINING WALL LONG SECTIONS - SHEET GOP 15 CL2/2,0009 RETAINING WALL LONG SECTIONS - SHEET BOE 19 CH302-0007 IRETAINING WALL LONG SECTIONS - SHEET POP 15 CLASSING RETAINING WALL LONG SECTIONS . SHEET BOE 19 CH02-0008 RETAINING WALL LONG SECTIONS - SHEET BUT TO CH022-0008 RETAINING WALL LONG SECTIONS - SHEET BOP 15 CH022-0010 RETAINING WALL LONG SECTIONS - SHEET 10 OF 15 CI-202-0011 RETAINING WALL LONG SECTIONS - SHEET 11 OF 15 CI-202-0012 RETAINING WALL LONG SECTIONS - SHEET 12 OF 15 CI-202-0013 RETAINING WALL LONG SECTIONS - SHEET 13 OF 15 CL202.001A RETAINING WALL LONG SECTIONS - SHEET 14 OF 19 CL302-0019 RETAINING WALL LONG SECTIONS - SHEET H OF 12 CL302-0019 RETAINING WALL LONG SECTIONS - SHEET 1/0F 2 CL302-0019 RETAINING WALL LONG SECTIONS - SHEET 1/0F 2 CL202.0012 RETAINING WALL LONG SECTIONS - SHEET 20E2 CI-405-0001 ROAD, DRAINAGE & FOOTPATH PLAN - SHEET 1 OF 6 CH400-0012 ROAD, DRAINAGE & FOOTPATH PLAN - SHEET 2 OF 6 CLANSING ROAD, DRAININGE & EDOTPATH PLAN, SHEET 3 OF 9 CL400-0104 ROAD, DRAINAGE & FOOTPATH PLAN - SHEET 4 OF 6 CL400-0104 ROAD, DRAINAGE & FOOTPATH PLAN - SHEET 4 OF 6 CL400-0105 ROAD, DRAINAGE & FOOTPATH PLAN - SHEET 5 OF 6 CLANSING BOAD DRAININGE & EDOTPATH PLAN, SHEET 6 OF G CI-402-0001 ROAD LONG SECTIONS - CATHERINE PARK DRIVE CL402-0011 ROAD LONG SECTIONS - ROAD 901 CI-402-0021 ROAD LONG SECTIONS - ROAD 901 CI-402-0022 ROAD LONG SECTIONS - ROAD 902 SHEET 1 OF 2 CI-402-0022 ROAD LONG SECTIONS - ROAD 902 SHEET 2 OF 2 CI-402-003 1 ROAD LONG SECTIONS - ROADS 903, 904 & 905 CI-402-0061 ROAD LONG SECTIONS - ROAD 906 CI-402-0051 RCAD LONG SECTIONS - RCAD 909 CI-402-0071 RCAD LONG SECTIONS - RCAD 907 CI-402-0031 RCAD LONG SECTIONS - RCADS 908, 909 & 910 CI-402-0111 ROAD LONG SECTIONS - ROADS 911 & 912 CI-402-0111 ROAD LONG SECTIONS - ROADS 911 & 912 CI-402-0113 ROAD LONG SECTIONS - ROADS 913 & 914 CL403-0001 ROAD TYPICAL SECTIONS - SHEET LOF SH CH403-0002 IROAD TYPICAL SECTIONS - SHEET 2 OF S CH403-0002 IROAD TYPICAL SECTIONS - SHEET 2 OF S CH403-0003 IROAD TYPICAL SECTIONS - SHEET 3 OF S CLASSING READ TYPICAL SECTIONS - SHEET 4 OF 5-CI-403-0006 IROAD TYPICAL SECTIONS - SHEET 5 OF 5 CI-403-0101 ROAD CROSS SECTIONS - CATHERINE PARKORINE - SHEET 1 OF 3 CH03-0102 ROAD CROSS SECTIONS - CATHERINE PARKDRIVE - SHEFT 2 OF 3

CI-4030103 ROAD CROSS SECTIONS - CATHERINE PARKDRIVE - SHEET 3 OF 3 CI-4030201 ROAD CROSS SECTIONS - ROAD 901 - SHEET 1 OF 5 CLAIR/202 BOAD CROSS SECTIONS , ROAD OLL, SHEET 2 OF 9 CI-403/0203 ROAD CROSS SECTIONS - ROAD 001 - SHEET 3 OF 5 CI-4030204 ROAD CROSS SECTIONS - ROAD 901 - SHEET 4 OF S CI-403(205 ROAD CROSS SECTIONS - ROAD 901 - SHEET 5 OF 5 CI-405/0301 ROAD CROSS SECTIONS - ROAD 902 - SHEET 1 OF 1 CI-4030302 ROAD CROSS SECTIONS - ROAD 902 - SHEET 2 OF 11 CLAIS/WO BOAD CROSS SECTIONS - ROAD 902 - SHEET 3 OF 11 CI-403-0304 ROAD CROSS SECTIONS - ROAD 902 - SHEET-LOF 11 CLAIMING ROAD CROSS SECTIONS , ROAD 902 , SHEET 5 OF H CL4030306 ROAD CROSS SECTIONS - ROAD 902 - SHEET 6 OF 11 CI-403/0307 ROAD CROSS SECTIONS - ROAD 902 - SHEET 7 OF 11 CH4030308 ROAD CROSS SECTIONS - ROAD 902 - SHEET 8 OF 11 CI-4034349 ROAD CROSS SECTIONS - ROAD 902 - SHEET 9 OF 11 CI-4034310 ROAD CROSS SECTIONS - ROAD 902 - SHEET 10 OF 1 ALAMANI 4 DAAD ODARS SECTIONS, DAAD 302, SUBST 11 OF 44 CI-403-0401 ROAD CROSS SECTIONS - ROAD 903 - SHEET 1 OF 2 CL4030402 ROAD CROSS SECTIONS - ROAD 903 - SHEET 2 OF 2 CLASSING ROAD CROSS SECTIONS , ROAD 905 , SHEET 1 OF 2 CI-4030602 ROAD CROSS SECTIONS - ROAD 805 - SHEET 1 OF 2 CI-4030602 ROAD CROSS SECTIONS - ROAD 805 - SHEET 2 OF 2 CI-403-0701 ROAD CROSS SECTIONS - ROAD 906 - SHEET 1 OF B CLASSION DOAD ODOGS SECTIONS . DOAD ON . SHEET 3 OF 9 CI-4030703 ROAD CROSS SECTIONS - ROAD 906 - SHEET 3 OF 8 CI-4030704 ROAD CROSS SECTIONS - ROAD 906 - SHEET 4 OF 8 ALMANIAS BAAN ABAGE BEATWARE, BAAN ME, SUBET 4 AFE CI-4030706 ROAD CROSS SECTIONS - ROAD 906 - SHEET 6 OF 8 CL4030202 ROAD CROSS SECTIONS - ROAD 906 - SHEET 7 OF 8 CI-4030708 ROAD CROSS SECTIONS - ROAD 805 - SHEET 8 OF 8 CI-4030801 ROAD CROSS SECTIONS - ROAD 907 - SHEET 1 OF 4 CI-4030802 ROAD CROSS SECTIONS - ROAD 907 - SHEET 2 OF 4 CL4030808 ROAD CROSS SECTIONS - ROAD 907 - SHEET 3 OF 4 CL4030804 ROAD CROSS SECTIONS - ROAD 907 - SHEET 4 OF 4 CLASSING BOAD CROSS SECTIONS, BOAD 003, SHEET 1 OF 9 CI-4030902 ROAD CROSS SECTIONS - ROAD 908 - SHEET 2 OF 3 CL4030903 ROAD CROSS SECTIONS - ROAD 903 - SHEET 3 OF 3 CL403-1001 ROAD CROSS SECTIONS - ROAD 909 - SHEET 1 OF 1 CI-403-1101 ROAD CROSS SECTIONS - ROAD 810 - SHEET 1 OF 8 CI-403 1102 ROAD CROSS SECTIONS - ROAD 910 - SHEET 2 OF 3 CLAIR HAR BOAD CROSS SECTIONS - ROAD BIA - SHEET 3 OF 3 CI-405-1201 ROAD CROSS SECTIONS - ROAD 911 - SHEET 1 OF 3 CLAIR 1970 BOAD CROSS SECTIONS, SOAD 6H, SHEET 2 OF 9 CI-403 1208 ROAD CROSS SECTIONS - ROAD 911 - SHEET 2 OF 3 CI-403 1209 ROAD CROSS SECTIONS - ROAD 911 - SHEET 3 OF 3 CI-403-1301 ROAD CROSS SECTIONS - ROAD 912 - SHEET 1 OF 2 CI-403 1302 ROAD CROSS SECTIONS - ROAD 912 - SHEET 2 OF 2 CL4051401 ROAD CROSS SECTIONS - ROAD 913 - SHEET 1 OF 2 CL4051402 ROAD CROSS SECTIONS - ROAD 913 - SHEET 2 OF 2 ALAIS 14AB BAAR ABASS SEATINES, BAAR SHE SLEET 1 AS 4 CI-404-0001 INTERSECTION DETAILS - SHEET 1 OF 12 CI-4040002 INTERSECTION DETAILS - SHEET 2 OF 12 CLAMANYS INTERSECTION DETAILS - SHEET 3 OF 12 CI-4040004 INTERSECTION DETAILS - SHEET 5 OF 12 CI-4040004 INTERSECTION DETAILS - SHEET 4 OF 12 CI-4040006 INTERSECTION DETAILS - SHEET 5 OF 12 CL4040X06 INTERSECTION DETAILS - SHEET 6 OF 12 CI-404-0007 INTERSECTION DETAILS - SHEET 7 OF 12 CI-4040X8 INTERSECTION DETAILS - SHEET & OF 12 ALAMAMA INTERSECTION DETAILS SHEET O'CH 1 CL4040010 INTERSECTION DETAILS - SHEET 10 OF 12 CLAMAD11 INTERSECTION DETAILS - SHEET 11 OF 12 CI-4040012 INTERSECTION DETAILS - SHEET 12 OF 12 CI-404-0101 DRIVEWAY DETAILS CH406-0001 CML WORKS DETAILS - SHEET 1 OF 2 CI-4060002 CML WORKS DETAILS - SHEET 2 OF 2 CI-420-0001 PAVEMENT PLAN CLARANCE SIZELAND I HE MARVEST BLAN, SUBST 1 AS A CL480-0002 SIGNAGE AND LINE MARKING PLAN - SHEET2 OF G CI-480-0003 SIGNAGE AND LINE MARKING PLAN - SHEET'S OF 6 CLASSING A SIGNAGE AND LINE MARKING PLAN, SHEET / CE G CI-480-0006 SIGNAGE AND LINE MARKING PLAN - SHEET'S OF 6 CI-480-0X06 SIGNAGE AND LINE MARKING PLAN - SHEET'S OF 6 ALMANNA ATTRIBUTE ALTALIANT N. M. PLETT AND N. CI-5000002 STORMWATER CATCHMENT PLAN - SHEET BOT B CI-5000002 STORMWATER CATCHMENT PLAN - SHEET 2 OF B CL900-0X0 STORMWATER CATCHMENT PLAN - SHEET 3 OF 6 CI-SODOXA STORMWATER CATCHMENT PLAN - SHEET 4 OF H CI-9000X6 STORMWATER CATCHMENT PLAN - SHEET 5 OF 6

CLANARY STORMWATER CATCHMENT PLAN, SHEET BOE B CI-S00-0010 STORMWATER CATCHNENT PLAN-SHEET BOP 6 CI-S00-0010 STORMWATER CATCHNENT - EXTERNAL PLAN - SHEET 1 OF 2 CLAMANIA STORMWATER CATCHMENT, EXTERNAL PLAN, SHEET 2 OF 2 CI-522-0001 STORMWATER DRAINAGE LONGSECTIONS -SHEET 1 OF 20 CI-522-0002 STORMWATER DRAINAGE LONGSECTIONS --SHEET 2 OF 20 CLOSS MAG STORMARTER DRAMAGE LONGSCOTIONS. SUBJECTS OF SC CI-522-0004 STORMWATER DRAINAGE LONGSECTIONS -SHEET 4 OF 20 CI-5/2-0006 STORMWATER DRAINAGE LONGSECTIONS -SHEET 5 OF 20 CL522,0006 STOBMWATER DRANAGE LONGSECTIONS JSHEET 6 OF 20 CI-522-0007 STORMWATER DRAINAGE LONGSECTIONS -SHEET 7 OF 20 CLASSAGEA STORMWATER DRAMAGE LONGSECTIONS "SHEET 8 OF 20 CL322,0009 STORMWATER DRANAGE LONGSECTIONS -SHEET 9 OF 20 CI-522-0008 STORMWATER DRAMAGE LONGSECTIONS -SHEET 9 OF 20 CI-522-0010 STORMWATER DRAMAGE LONGSECTIONS -SHEET 10 OF 20 CI-522-0011 STORMWATER DRAINAGE LONGSECTIONS -SHEET 11 OF 20 CI-522-0012 STORMWATER DRANAGE LONGSECTIONS -SHEET 12 OF 20 CI-522-0013 STORMWATER DRANAGE LONGSECTIONS -SHEET 13 OF 20 VERSIONAL STORMULTER DRAMAGE LONGER TIME JOLEST & OF SU CI-5/2-0015 STORMWATER DRAMAGE LONGSECTIONS -SHEET 15 OF 20 CL522-0016 STORMWATER DRAMAGE LONGSECTIONS -SHEET 16 OF 20 CL622-0017 STORMWATER DRAMAGE LONGSECTIONS JSHEET 17 OF 20 CI-522-0018 STORMWATER DRAINAGE LONGSECTIONS -SHEET 17 OF 20 CI-522-0018 STORMWATER DRAINAGE LONGSECTIONS -SHEET 18 OF 20 CI-522-0019 STORMWATER DRAINAGE LONGSECTIONS -SHEET 19 OF 20 CL623 0020 STORMWATER DRAMAGE LONGGEOTIONS \_SHEET 20 OF 20 3425-0001 STORMWATER DRAINAGE PIT SCHEDULE - SHEET 1 OF 5 CI-525-0022 STORMWATER DRAINAGE PIT SCHEDULE - SHEET 2 OF 5 CLOSE AND STORAWITED REMAINED TO CALEFUL . CLEET \$ OF C CI-525-0004 STORWWATER DRAINAGE PIT SCHEDULE - SHEET 4 OF 5 CLSCS.0005, STORMWATER DRAINAGE PIT SCHEDULE - SHEET 5 OF 5 CI-325-0006 STORMWATER DRAINAGE - CATCHWENT DATA - SHEET 1 OF 3 CI-325-0007 STORMWATER DRAINAGE - CATCHWENT DATA - SHEET 1 OF 3 CI-525-0008 STORMWATER DRAINAGE - CATCHMENT DATA - SHEET 3 OF 3 CL825-000 STORMWATER DRAMAGE CALCULATIONS - 2YR RESULTS - SHEET 1 OF B CL825-000 STORMWATER DRAMAGE CALCULATIONS - 2YR RESULTS - SHEET 2 OF B ALCOLONIA STORINGLED DRANGE AN ALL STORE, WE RESULTS, SHEETS AF B CL525-0012 STORMWATER DRAMAGE CALCULATION OF BESILING SHEET 4 OF B CL525-0013 STORMWATTER ORANAGE CAUCULATIONS: 2NERSELLUTS - SHEET SIDE R CL325.0H4 STORMWATER CRAMERS CALCULATION - WRATEN TO SHEET GOD B. CIS/5-015 STORMWATER DRAINAGE CALCULATION & PARTY AND A SHEET 7 OF B CI-525-0016 STORMWATER DRAINAGE CALCULATIONS - 2YR RESULTS - SHEET 8 OF B CL825,0112 STORMWATER DRAINAGE CALCULATION CORE \$550215, SHEET 1 OF R CIS25-0019 STORMWATER DRAINAGE CALCULATIONS - SYR RESULTS - SHEET 10-P CIS25-0018 STORMWATER DRAINAGE CALCULATIONS - SYR RESULTS - SHEET 2 OF B CIS25-0019 STORMWATER DRAINAGE CALCULATIONS - SYR RESULTS - SHEET 2 OF B CH325-0018 STORIMAN OF ONAIMADE CALCULATIONS - STR RESULTS - STREET S OF CH325-0028 STORIMAN FR ONAIMADE CALCULATIONS - STR RESULTS - STREET A CF E CH325-0021 STORIMAN FR ONAIMADE CALCULATIONS - STR RESULTS - STREET A CF E CI-525-0022 STORMWATER DRAINAGE CALCULATIONS - 5YR RESULTS - SHEET 6 OF E CL825-0028 STORWATER DRAPAGE CALCULATIONS - 5YR RESULTS - SHEET 7 OF B CL825-0024 STORWATER DRAPAGE CALCULATIONS - 5YR RESULTS - SHEET 8 OF B ALL A MARE STADIALIZED ADAMAGE AN ALL ATTAKE. ANVE DESTING, SUPER LARGE CI-325-0026 STORMWATER DRANAGE CALCULATIONS - 100YR RESULTS - SHEET 2 OF 8 CL525-0027 STORMWATER DRAINAGE CALCULATIONS - 100YR RESULTS - SHEET 3 OF BI CL625-0128 STORMWATER DRAWAGE CALCULATIONS . MOVE SESTI 15 . SHEET A GEB CI-525-0029 STORMWATER DRAINAGE CALCULATIONS - 100YR RESULTS - SHEET 5 OF B CI-525-0030, STORMWATER DRAINAGE CALCULATIONS - 100YR RESULTS - SHEET 6 OF B CLS25-0031 STORMWATER DRAINAGE CALCULATIONS - 100YR RESULTS - SHEET 7 OF BI CI-525-0052 STORMWATER DRAMAGE CALCULATIONS - 100YR RESULTS - SHEET 8 OF 8 CL525-0001 STORMWATER DRAINAGE PIT DETAILS - SHEET 1 OF 7 ALSTS WAY STORMATED DOAMAGE HT DETAILS - STEET 1 OF CI-526-0003 STORMWATER DRANAGE PIT DETAILS - SHEET 3 OF 7 CL325,000A STORMWATER DRANAGE PIT DETAILS, SHEET 4 OF 7 CI-S25-0006 STORMWATER DRAINAGE PT DETAILS - SHEET 4 OF T CI-S25-0006 STORMWATER DRAINAGE PT DETAILS - SHEET 6 OF 7 CI-S25-0006 STORMWATER DRAINAGE PT DETAILS - SHEET 6 OF 7 CI-526-0007 STORMWATER DRAINAGE PIT DETAILS - SHEET 7 OF 7 CI-540-0001 STORMWATER DRAINAGE BASIN 7A PLAN CI-540-0002 STORMWATER DRAINAGE BASIN 7A - SETOUT PLAN VILLAN ANY STADIAUTED REMAINED ADMINISTER AND REVENUE. BASING CI-540-0004 BASIN 7A ACCESS SWEPT PATHS CI-541-0001 STORMWATER DRAINAGE BASIN 78 PLAN CLS41,002 STORMWATER DRAINAGE BASIN 78 - SETOLT PLAN CI-541-0009 STORMWATER DRAINAGE BASIN SECTIONS -BASIN 78 CI-541-0004 BASIN 78 ACCESS SWEPT PATHS ALLAR MAN ATTOMICATION SAMULATE SUBJECT AND ATTAINED. ALLERT LOD A CI-546-002 STORMWATER DRAINAGE BASIN DETAILS - SHEET 2 OF

Attachment 1

HIXSON PTY LTD

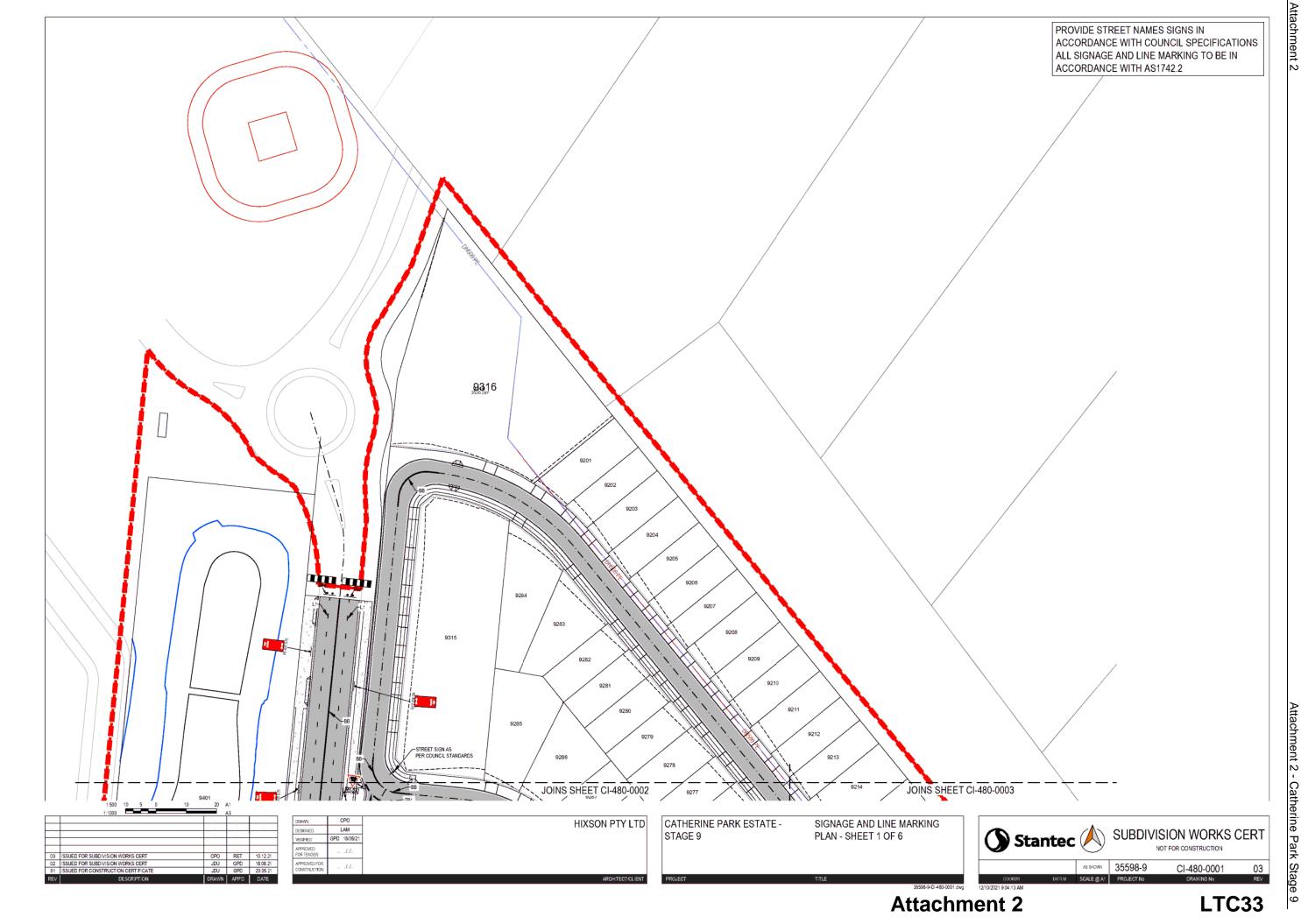
Attachment 1-

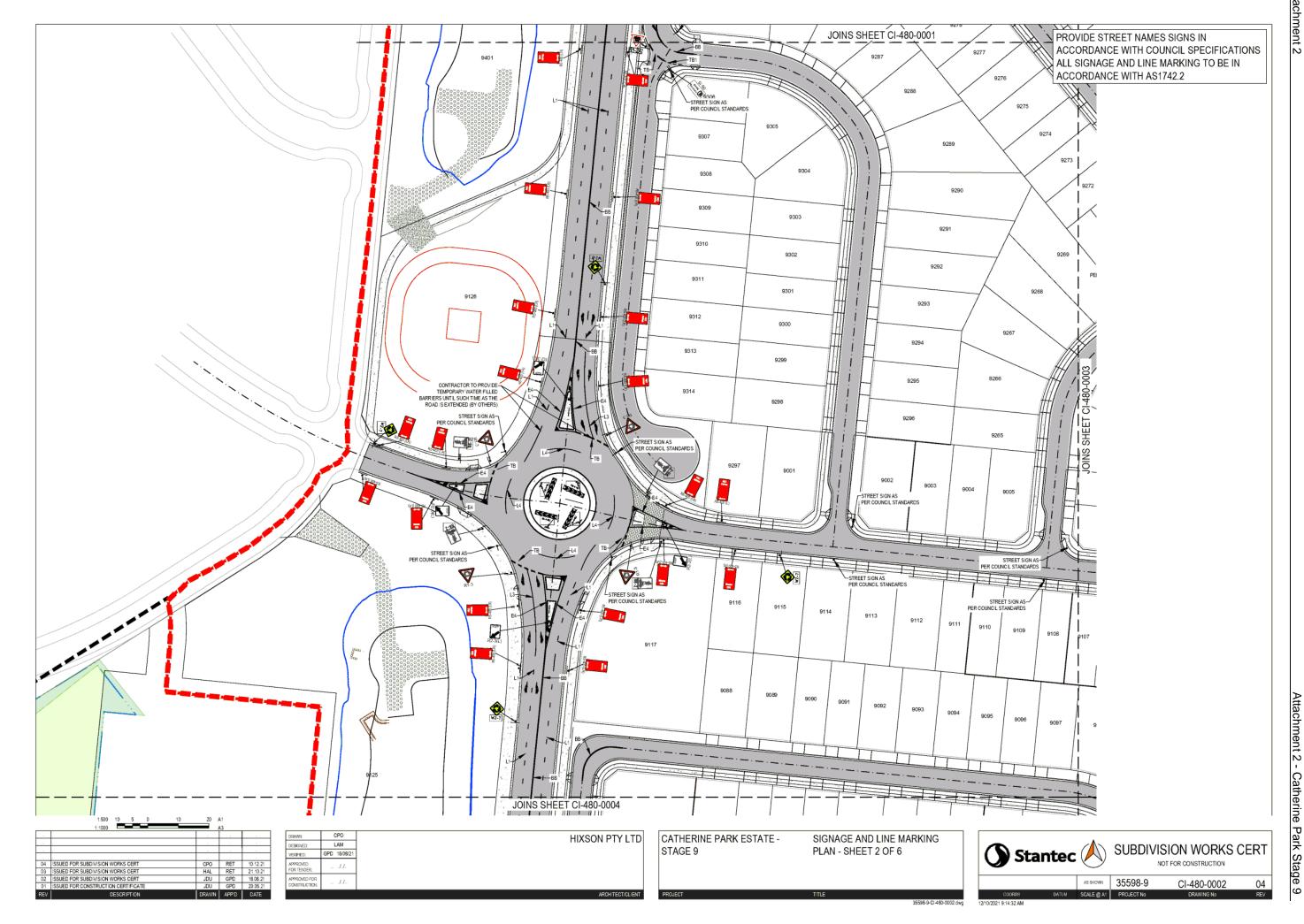
Catherine

Park

Stage

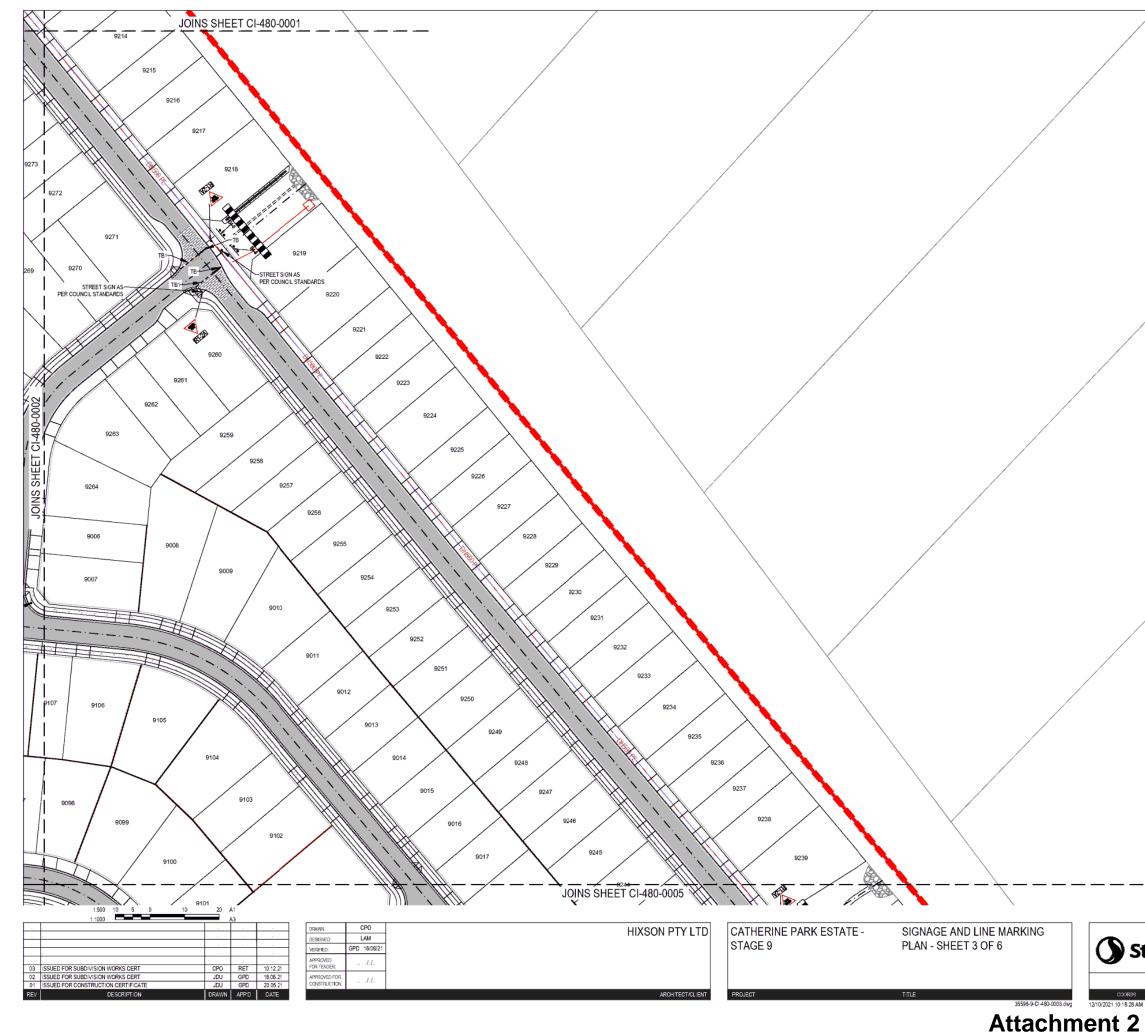
9





#### LTC33

Attachment 2





#### PROVIDE STREET NAMES SIGNS IN ACCORDANCE WITH COUNCIL SPECIFICATIONS ALL SIGNAGE AND LINE MARKING TO BE IN ACCORDANCE WITH AS1742.2

Attachment 2

03 <sub>REV</sub>

SUBDIVISION WORKS CERT

NOT FOR CONSTRUCTION

CI-480-0003

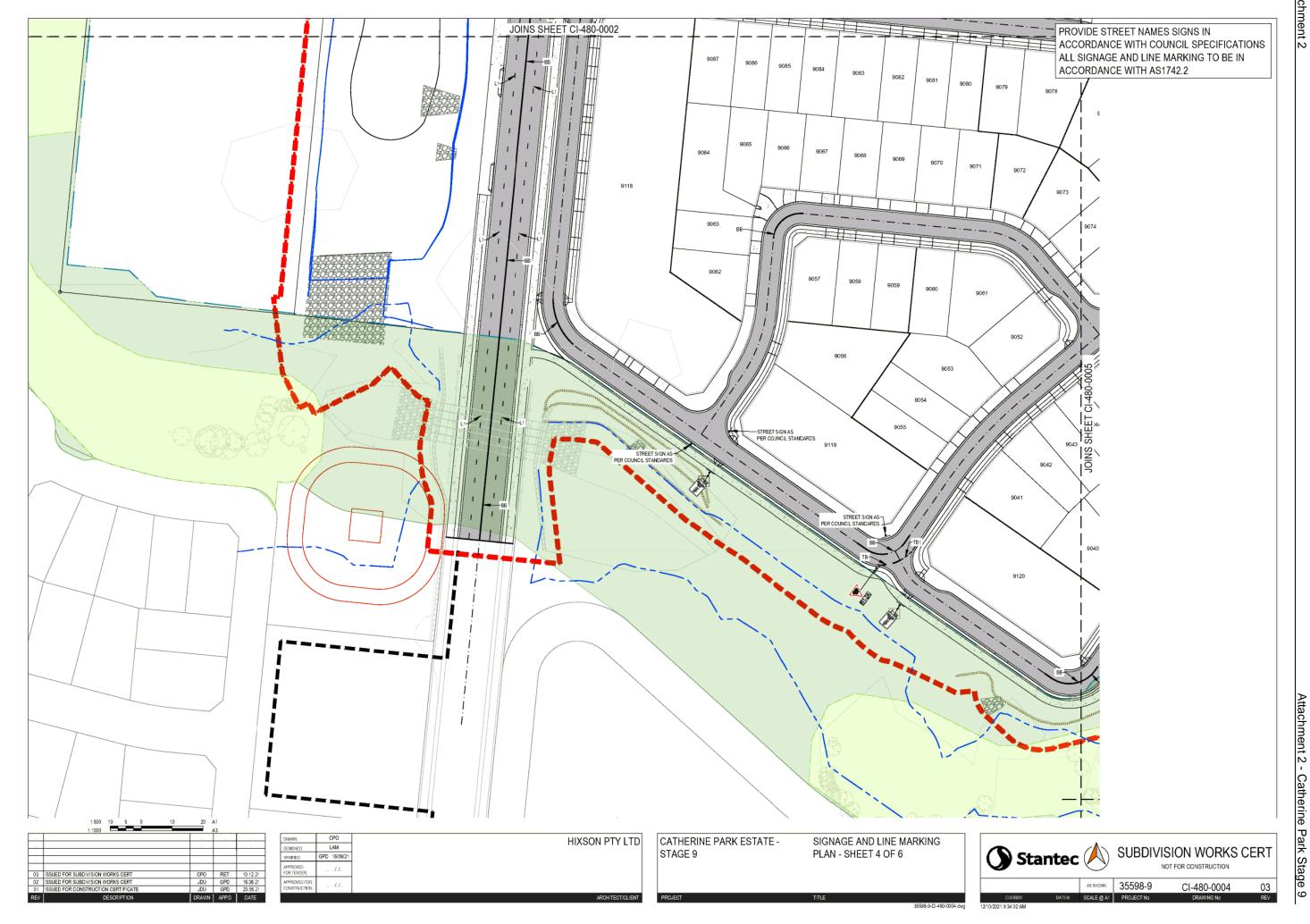
DRAWING No

LTC33

Stantec 🔥

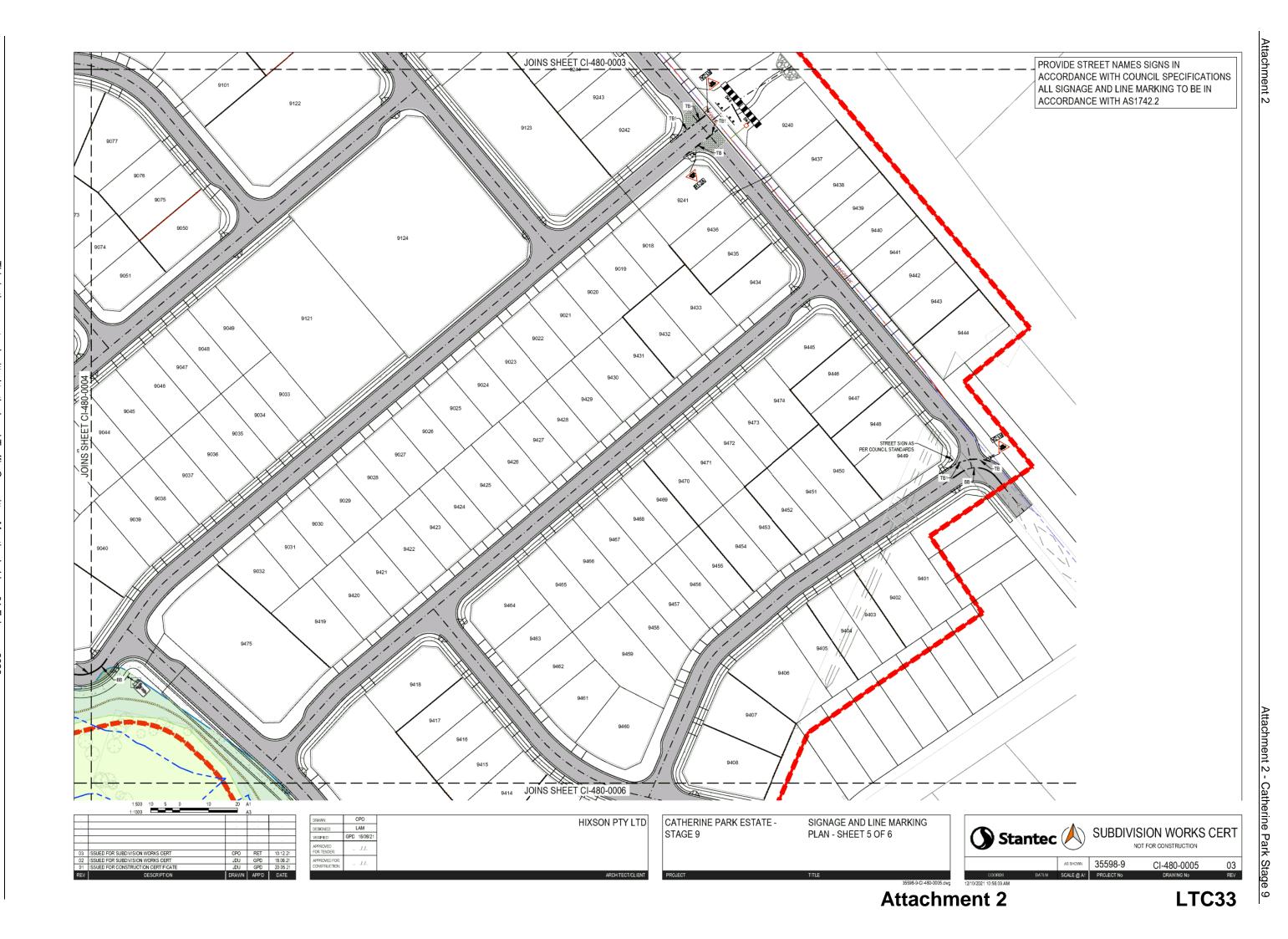
AS SHOWN 35598-9

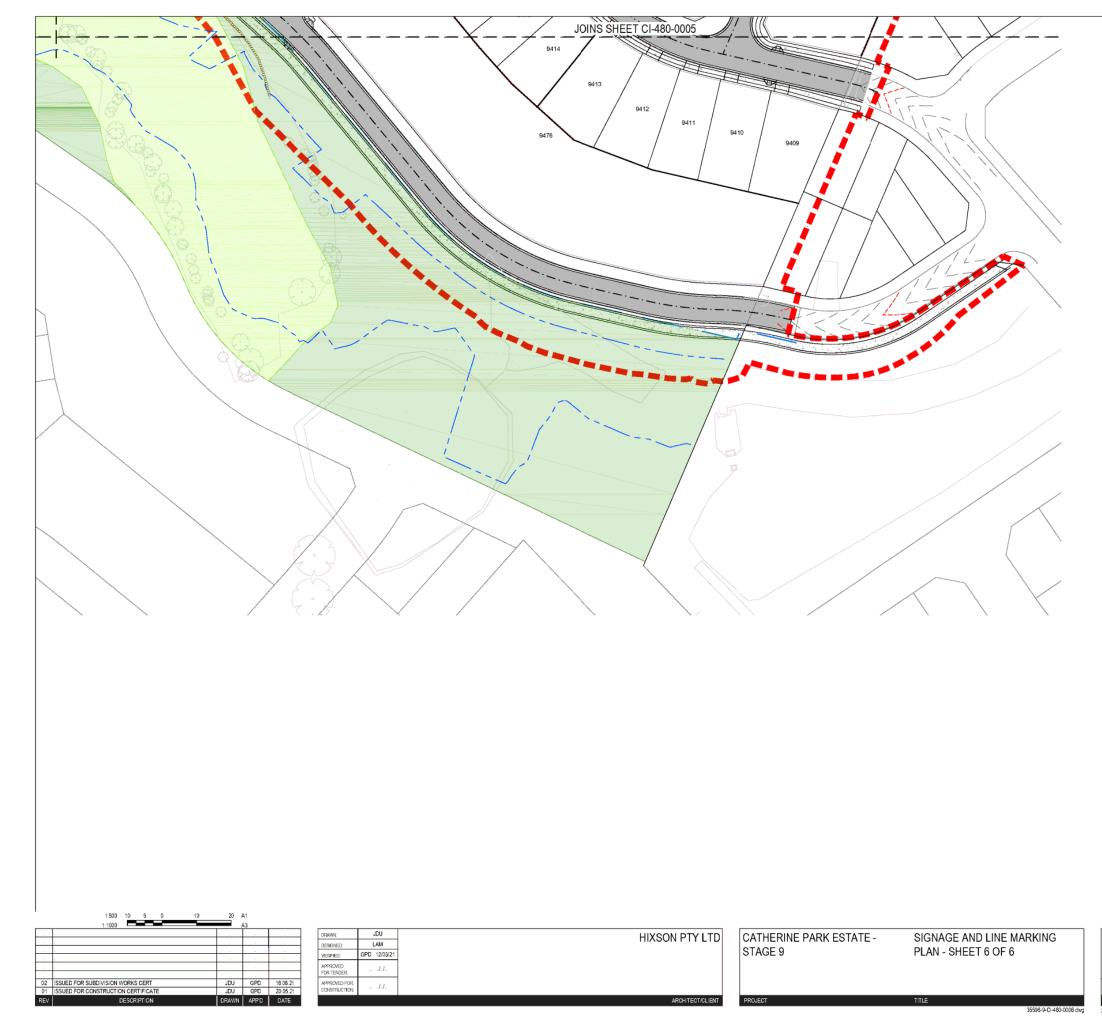
TUM SCALE @ A1 PROJECT No



#### LTC33







#### LTC33

Attachment 2

PROVIDE STREET NAMES SIGNS IN ACCORDANCE WITH COUNCIL SPECIFICATIONS ALL SIGNAGE AND LINE MARKING TO BE IN ACCORDANCE WITH AS1742.2



