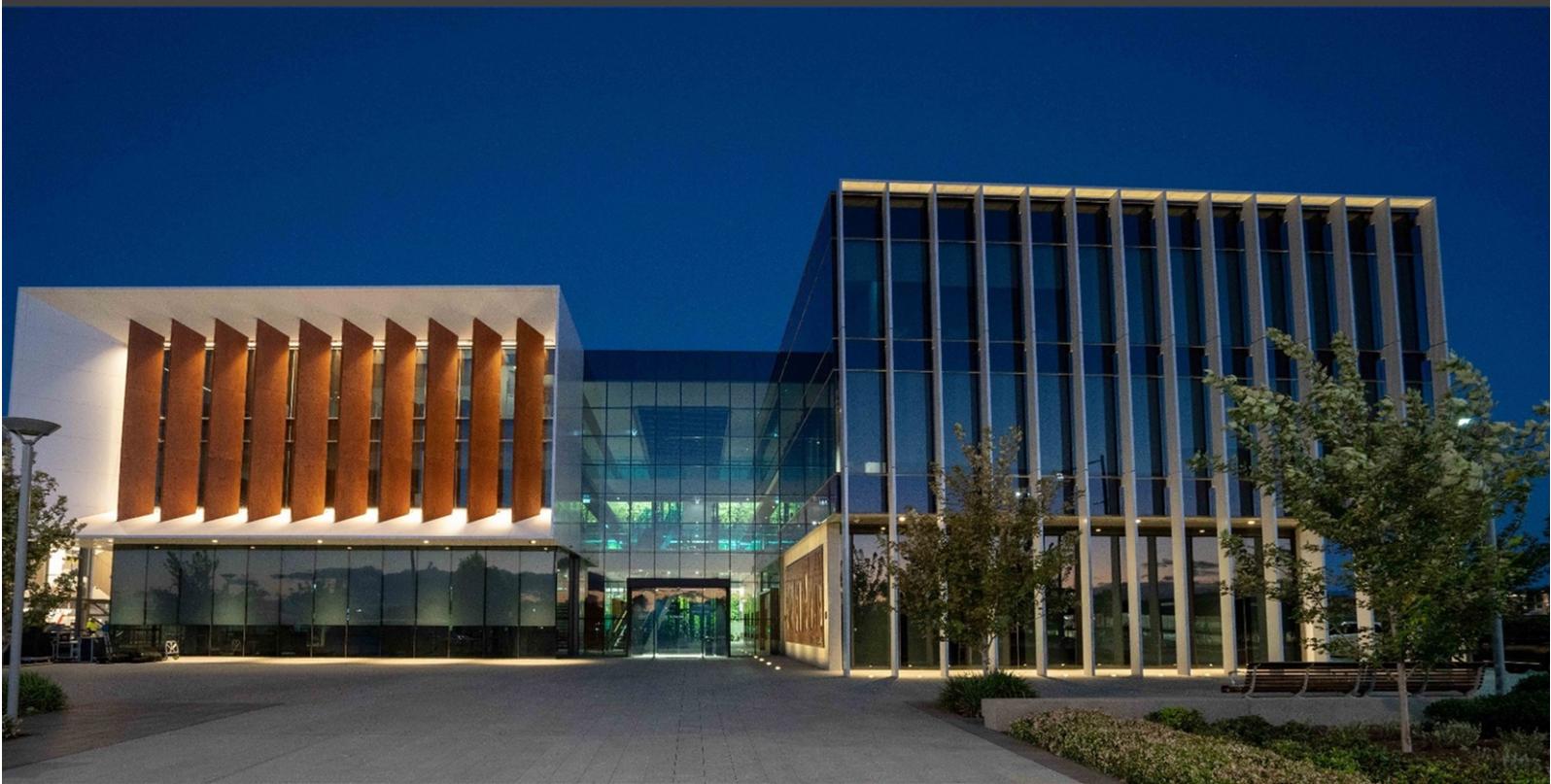


Business Paper

Local Traffic Committee
Meeting Rooms 1 & 2

10 May 2022



camden
council

LOCAL TRAFFIC COMMITTEE
10 May 2022

Dear Sir/Madam

You are advised that the next Local Traffic Committee is scheduled for 10 May 2022, commencing at 9.30am at Meeting Rooms 1 & 2.

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

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

Your sincerely

Sandra Kubecka
DIRECTOR COMMUNITY ASSETS

Local Traffic Committee

Background

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

Role of the Committee

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

Committee Delegations

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

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

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

Committee Membership

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

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

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

The role of the four voting members is to:

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

In relation to this:

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

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

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

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

Please note there is no public gallery for these meetings.

LTC Business Paper

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

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

COMMON ABBREVIATIONS

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

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 5 April 2022

Local Traffic Committee Tuesday 10 May 2022

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Associated With Subdivision No. 108 & 116 142

BUSINESS WITHOUT NOTICE

**DATE OF NEXT LOCAL TRAFFIC COMMITTEE MEETING - TUESDAY 7 JUNE
2022**

INFORMAL ITEMS

LTC01

SUBJECT: BUSINESS ARISING FROM THE COMMITTEE'S LAST REPORT
FROM: Acting Director Community Assets
EDMS #: 22/160351

LTC01

The Local Traffic Committee report dated 1 February 2022 was presented to Council meeting on 8 March 2022. Council adopted the Local Traffic Committee's recommendations without amendment.

RECOMMENDED

That the adoption by Council of the Committee's recommendations dated 1 February 2022 be noted.

SUBJECT: LOWNDES DRIVE, ORAN PARK- CENTRE LINE-MARKING
FROM: Acting Director Community Assets
EDMS #: 22/158886

PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the installation of centre line-marking along Lowndes Drive, Oran Park.

BACKGROUND

Concerns have been raised regarding motorists traveling at speed along Lowndes Drive. Line-marking is proposed to address the issue.

MAIN REPORT

Lowndes Drive is primary access road in Oran Park that runs between Larkham Street and Skaife Street with a 90 degree bend in the middle. The southern section is 11 meters wide and the eastern section is 9.6 metres wide. There are intermittent kerb extensions. Parking is unrestricted and there is no line-marking, except for lengths of double barrier centreline approaching the roundabout at Skaife Street and around the bend. It has a speed limit of 50km/h.

Seven-day speed and volume counts were undertaken in the southern section in December 2021 indicating 85th percentile speeds of 56.0 km/h and an average daily volume of 1,843 vehicles.

To help address concerns with speeding it was proposed to install dashed centre line-marking along the length of the road.

Public consultation has been undertaken with affected owners and occupiers and two written responses have been received. Both are from the narrower eastern section of Lowndes Drive and did not support the line-marking saying it was unnecessary.

As the original complaints came for the wider southern section it is proposed to introduce dashed line-marking between the bend near Longhurst Street and Skaife Street only at this time. Double barrier lines are proposed for 10 metres on approaches to Cole Street.

FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

The estimated cost of the recommended work is \$1,500. It is proposed that the cost be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2022/23 financial year.

CONCLUSION

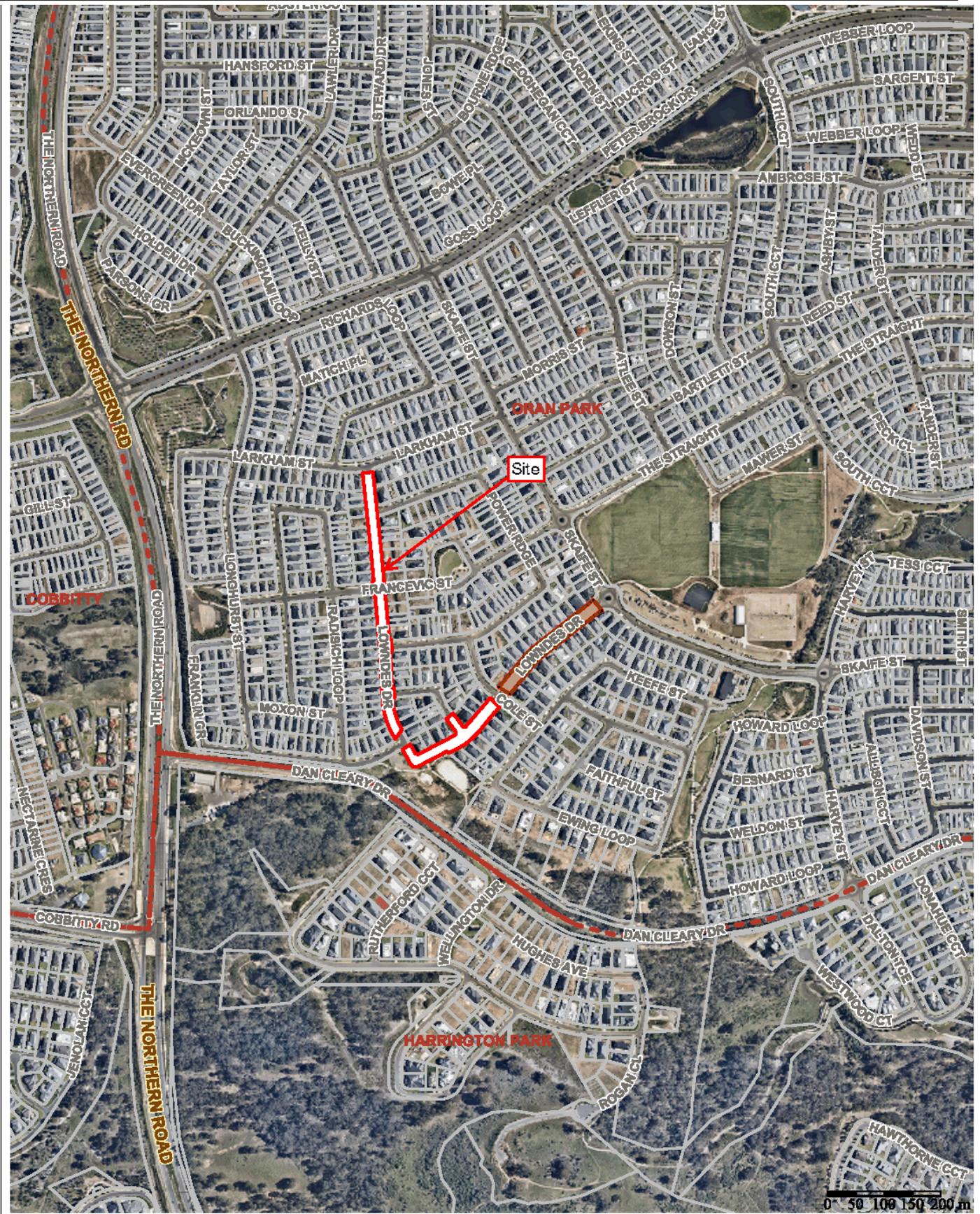
Concerns have been raised regarding driver behaviour in Lowndes Drive, Oran Park, and it is recommended that the Committee supports line marking to help address the issues.

RECOMMENDED

That the Local Traffic Committee recommends that Council approves in Lowndes Drive, Oran Park between the bend near Longhurst Street and Skaife Street, separation centre line-marking (S1) with 10 metres of double barrier centre line-marking (BB) on the approaches to Cole Street.

ATTACHMENTS

1. Location - Lowndes Dr, Oran Park
2. Plan - Lowndes Drive, Oran Park



Camden Council
 70 Central Ave
 ORAN PARK NSW 2570
 Telephone: 02 4654 7777
 Email: mail@camden.nsw.gov.au



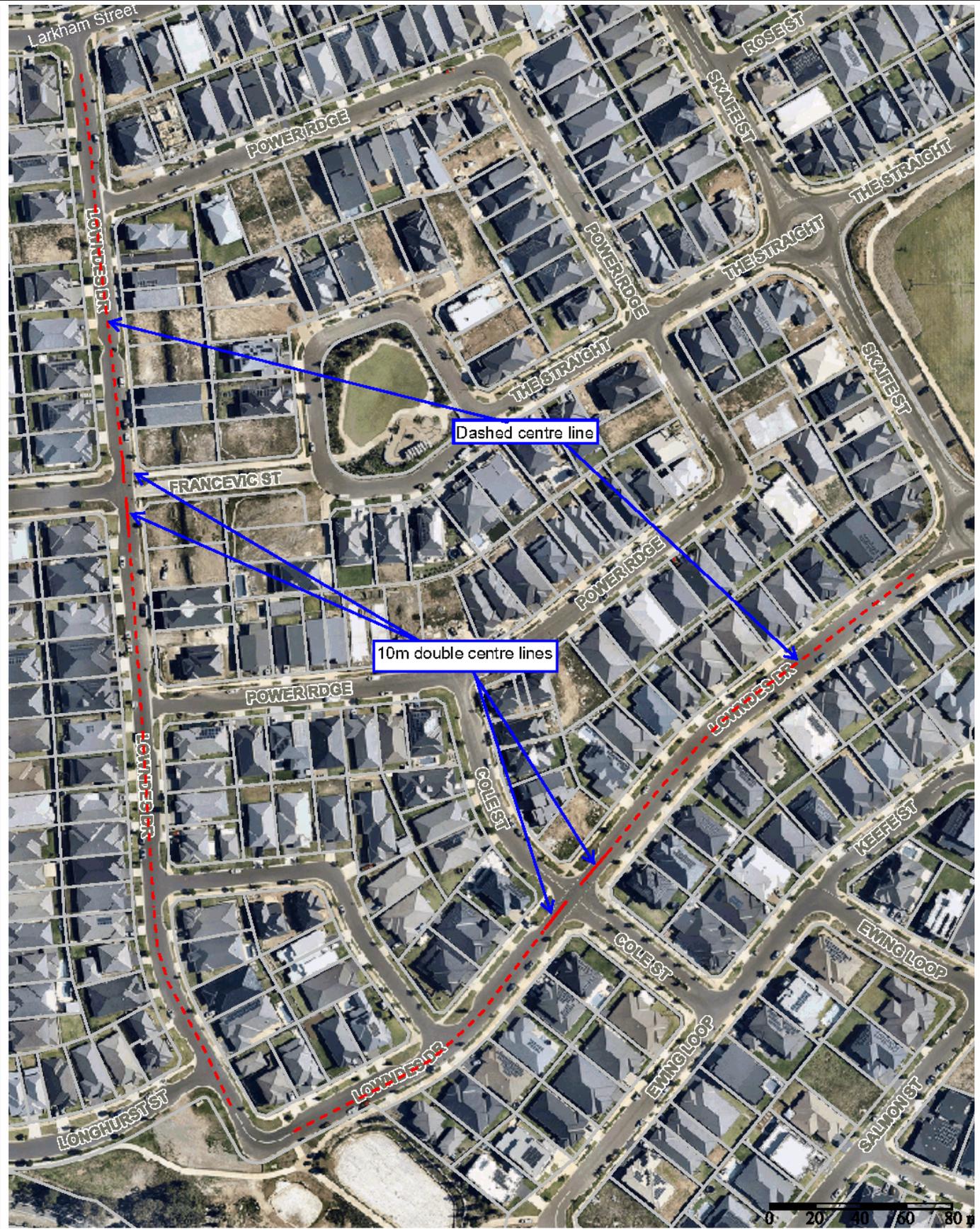
Subject Site

Lowndes Dr, Oran Park

Map Scale: 1:8362
 Projection: GDA94 / MGA zone 56
 Date: 20/04/2022 11:41 AM



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LTC02

Attachment 2



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 ORAN PARK NSW 2570
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Subject Site

Lowndes Dr, Oran Park

Map Scale: 1:2257
 Projection: GDA94 / MGA zone 56
 Date: 11/01/2022 2:14 PM



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SUBJECT: PRICE RIDGE, LEPPINGTON - CENTRE LINE-MARKING
FROM: Acting Director Community Assets
EDMS #: 22/159595

PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the modification of centre line-marking along Price Ridge, Leppington.

BACKGROUND

Concerns have been raised regarding motorists traveling at speed along Price Ridge and not keeping to the left through a section with reduced visibility. Modifying line-marking is proposed to address the issue.

MAIN REPORT

Price Ridge is a local collector road which measures 11 metres wide. The road has a curved section toward the southern end (**Attachment 1**). The section currently has broken centre line-marking. It has been reported that some motorists are overtaking along the curved section. This presents road safety concerns, and it is proposed to restrict this manoeuvre by implementing double barrier lines as depicted in **Attachment 2**.

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 the approximate cost of \$1,000.

CONCLUSION

Concerns have been raised about vehicles overtaking along the curved section along Price Ridge, Leppington and it is recommended that the double barrier line-marking be supported to address the concerns.

RECOMMENDED

The Local Traffic Committee recommends that Council approves in Price Ridge, Leppington, double centre line-marking (BB) along the curved section.

ATTACHMENTS

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

LTC03



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 70 Central Ave
 ORAN PARK NSW 2570
 Telephone: 02 4654 7777
 Email: mail@camden.nsw.gov.au



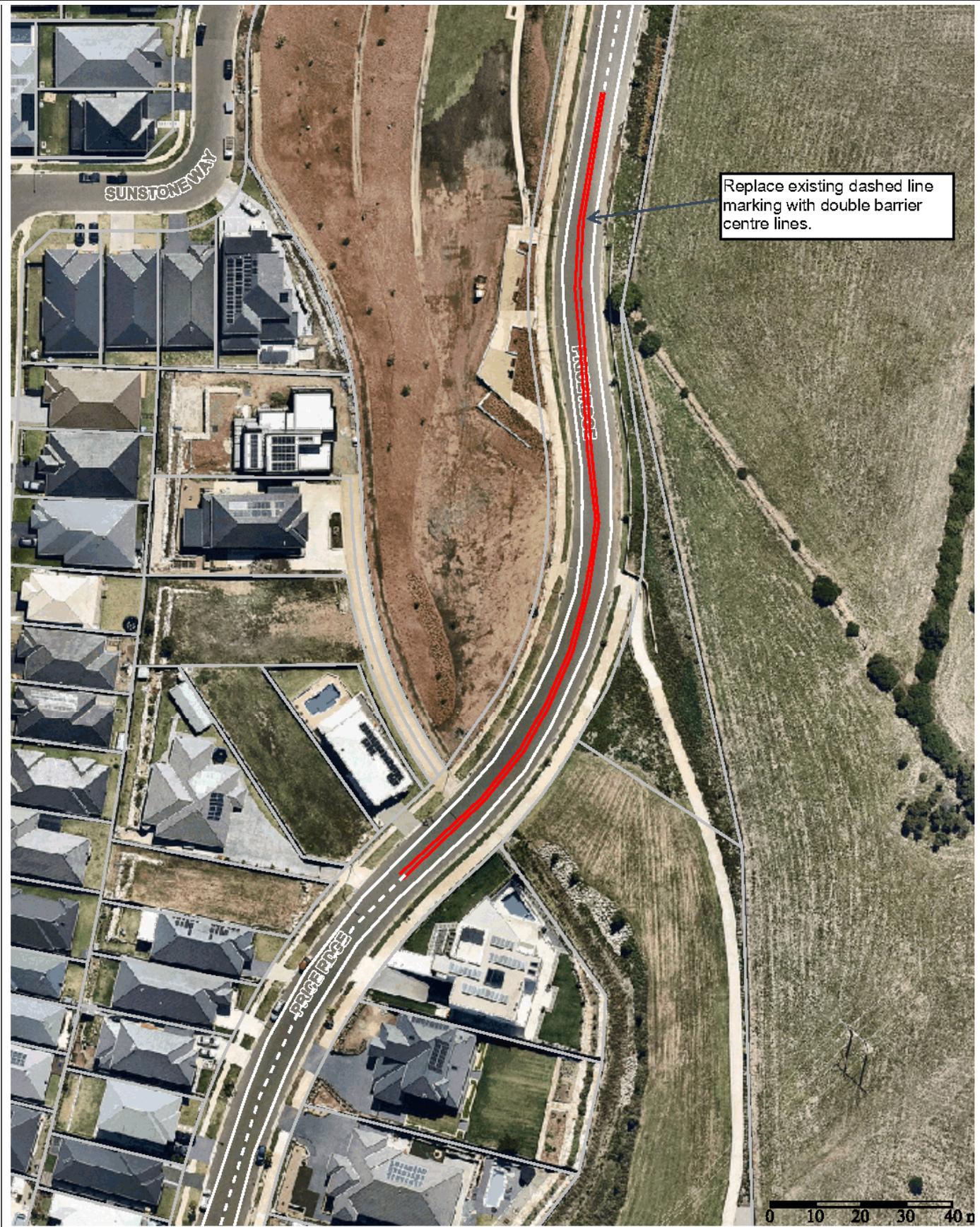
Subject Site

Price Ridge, Leppington
 Location

Map Scale: 1:7686
 Projection: GDA94 / MGA zone 56
 Date: 11/04/2022 9:58 AM



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LTC03

Attachment 2



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 70 Central Ave
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Subject Site

Price Ridge, Leppington

Map Scale: 1:1129
 Projection: GDA94 / MGA zone 56
 Date: 26/06/2021 11:24 AM



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LTC04

SUBJECT: HOLDEN DRIVE, ORAN PARK - CENTRE AND EDGE LINE-MARKING
FROM: Acting Director Community Assets
EDMS #: 22/159663

PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the installation of centre and edge line-marking and additional signage along Holden Drive, Oran Park.

BACKGROUND

Concerns have been raised regarding motorists traveling at speed along Holden Drive. Line-marking is proposed to address the issue.

MAIN REPORT

Holden Drive is a collector road in Oran Park that runs between Peter Brock Drive and South Circuit (**Attachment 1**). The road between Steward Street and South Circuit is 11 metres wide. The road has a speed limit of 50km/h. There is a mid-point roundabout at the intersection with Evans Street which helps regulate traffic and speeds. Oran Park Public School and Oran Park High School are close by in South Circuit.

Seven-day speed and volume counts were undertaken in December 2021 indicating 85th percentile speeds of 51.2 km/h and an average daily volume of 4,476 vehicles.

To help address concerns raised about speeding, edge line-marking (E1) and dashed centre line-marking (S1) and is proposed Steward Street and South Circuit (see **Attachment 2**).

Public consultation has been undertaken with affected owners and occupiers and one written response has been received in support of the proposal.

FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

The estimated cost of the recommended work is \$2,000. It is proposed that the cost be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2022/23 financial year.

CONCLUSION

Concerns have been raised regarding driver behaviour in Holden Drive, Oran 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 Holden Drive, Oran Park, as detailed in Drawing No. 2022-005, between Steward Drive and South Circuit, edge line-marking (E1) and separation line-marking (S1).

ATTACHMENTS

1. Attachment 1 - Holden Drive Overview Plan
2. Attachment 2 - Holden Drive Line-marking Plan

LTC04

LTC04
Attachment 1



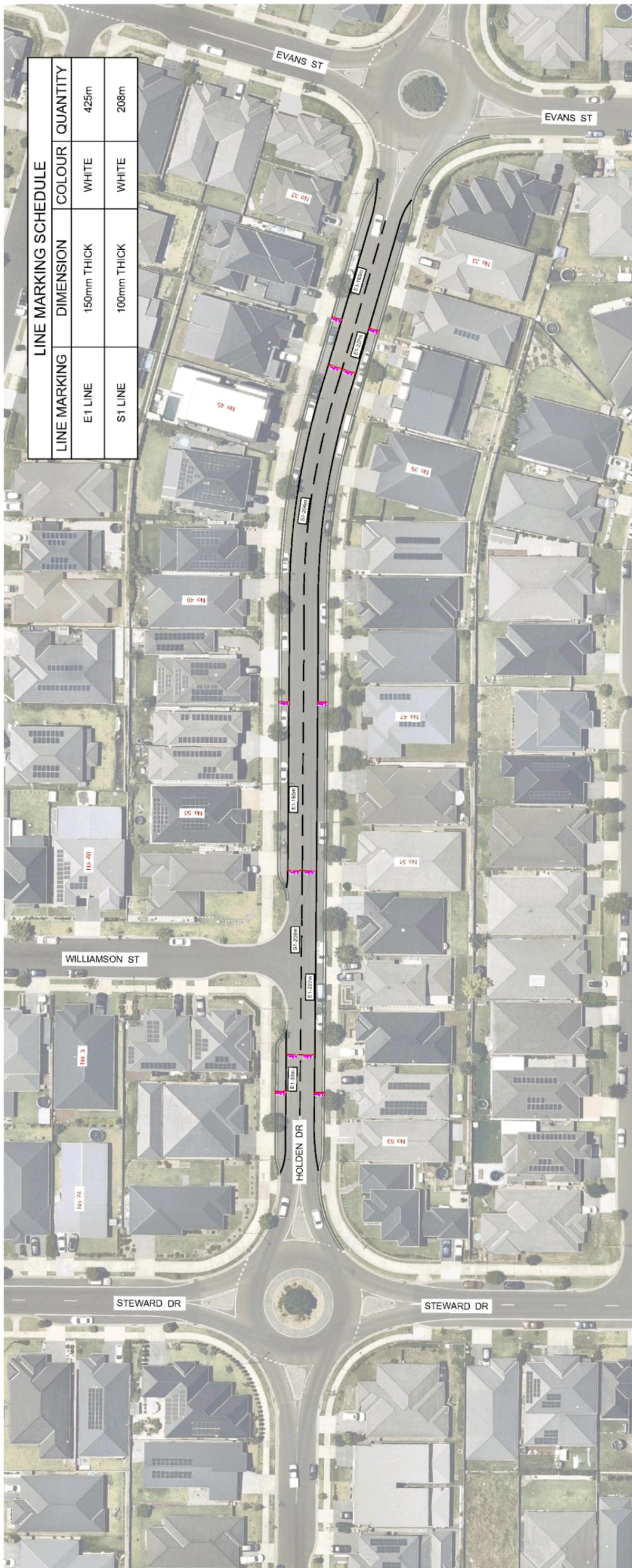
Subject Site
Holden Drive - Overview Plan



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Map Scale: 1:3000
Projection: GDA94 / MGA zone 56
Date: 7/04/2022 8:42 PM





| LINE MARKING SCHEDULE | | | |
|-----------------------|-------------|--------|----------|
| LINE MARKING | DIMENSION | COLOUR | QUANTITY |
| E1 LINE | 150mm THICK | WHITE | 425m |
| S1 LINE | 100mm THICK | WHITE | 208m |

LINE MARKING PLAN
SCALE 1:500 @ A1

LINEMARKING NOTES:

- L1 ALL LINEMARKING WORKS TO BE IN ACCORDANCE WITH EITHER THE CURRENT AUSTRALIAN STANDARDS AS1742.2 OR RMS DELINEATION GUIDELINES SECTION 4.
- L2 USE THERMOPLASTIC PAINT, PAVEMENT MARKING AND SIGNPOSTING TO BE IN ACCORDANCE WITH THE AS 1742.2-2009.
- L3 LINEMARKING NEEDS TO BE APPROVED BY TRAFFIC SECTION AFTER THE CONSULTATION AND TRAFFIC COMMITTEE APPROVAL.



| SERVICES LEGEND | |
|-----------------|----|
| TELECOM | MI |
| GAS | MI |
| SEWER | MI |
| WATER | MI |
| ELEC CABLES | MI |
| POWER POLES | MI |

NOTES:



| RECOMMENDED | SUPERVISED | FIELD BOOK | LEVEL BOOK |
|--|---|---|--|
| Terra Leader Civil Design & Survey DATE 21 March 2022 APPROVED | DATE DRAWN P.C. DATE MAR 2022 CONSTRUCTED | DATE DESIGNED P.C. DATE MAR 2022 W.A.E. | CHECKED M.I. DATE MAR 2022 DESIGN SPEED |

| CAMDEN COUNCIL | |
|--|----------|
| HOLDEN DRIVE ORAN PARK LINE MARKING WORKS | |
| SCALES | AS SHOWN |
| DATUM | A.H.D |
| SHEET No | 1 |
| No of SHEETS | 2 |

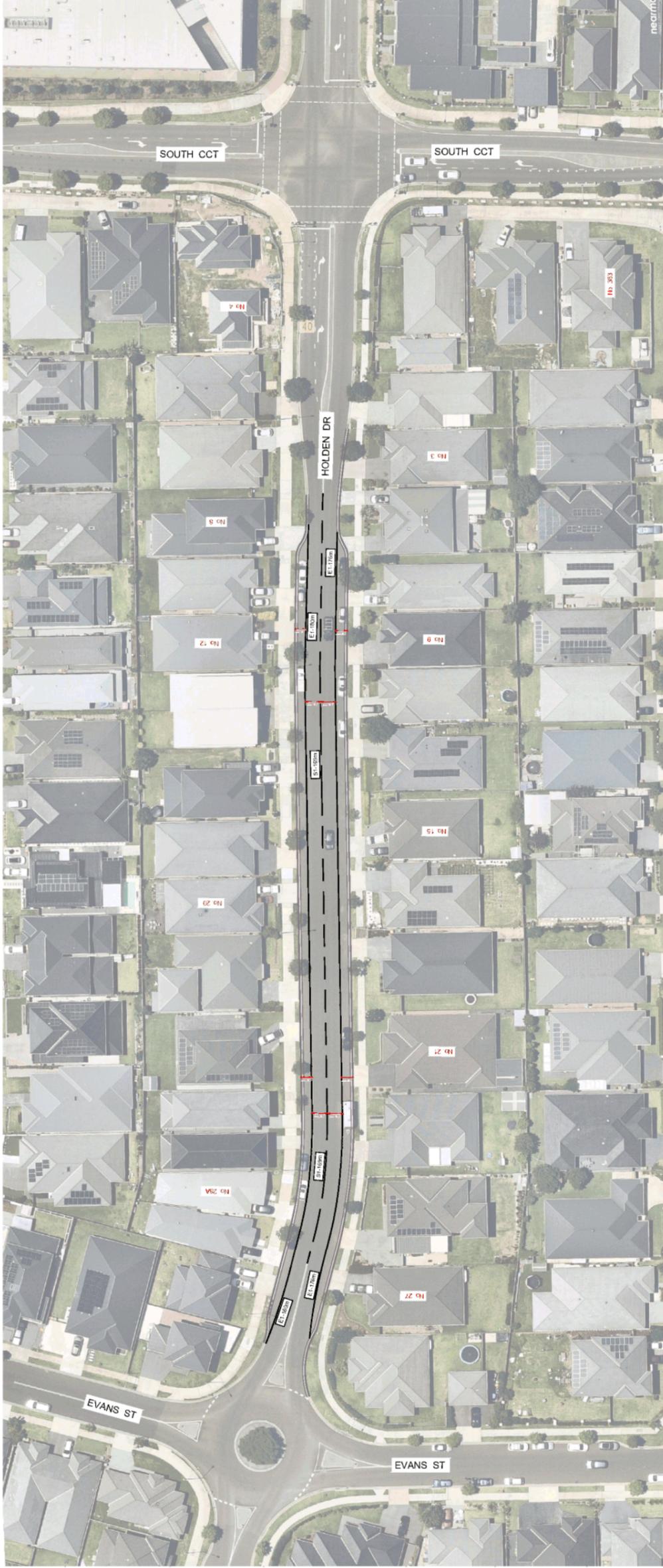
FOR CONSULTATION

Attachment 2

LTC04

Attachment 2 LTC04

| LINE MARKING SCHEDULE | | | |
|-----------------------|-------------|--------|----------|
| LINE MARKING | DIMENSION | COLOUR | QUANTITY |
| E1 LINE | 150mm THICK | WHITE | 356m |
| S1 LINE | 100mm THICK | WHITE | 169m |



LINE MARKING PLAN
SCALE 1:5000 A1



| SERVICES LEGEND | FILE No. | DATE | AMEND | DESCRIPTION | APPROV |
|-----------------|----------|----------|-------|------------------------|--------|
| TELECOM | | | | | |
| GAS | | | | | |
| SEWER | | | | | |
| WATER | | | | | |
| ELEC CABLES | | | | | |
| POWER POLES | | | | | |
| | P1 | 17.03.22 | | ISSUED FOR INFORMATION | MI |

NOTES:

| RECOMMENDED | SURVEYED | FIELD BOOK | LEVEL BOOK |
|---|--|--|--|
| Trans-Leader Civil Design & Survey DATE: 18 March 2021 APPROVED | DATE DRAWN P.C. DATE, MAR 2022 CONSTRUCTED | DATE DESIGNED P.C. DATE, MAR 2022 W.A.E. | CHECKED M.I. DATE, MAR 2022 DESIGN SPEED 60KM/HR |



CAMDEN COUNCIL

HOLDEN DRIVE ORAN PARK
LINE MARKING WORKS
LINE MARKING PLAN SHEET

| SCALES | AS SHOWN |
|--------------|----------|
| DATUM | A.H.D |
| SHEET No | 2 |
| No of SHEETS | 2 |
| PLAN No | 2022-005 |

FOR CONSULTATION

LTC05

SUBJECT: FLINDERS AVENUE, CAMDEN SOUTH - EDGE LINE-MARKING
FROM: Acting Director Community Assets
EDMS #: 22/159689

LTC05

PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the installation of edge lines in Flinders Avenue, Camden South.

BACKGROUND

Concern has been raised regarding driver behaviour when traveling southbound on Flinders Avenue around the curve towards Berallier Street as well as parking too close to the intersection and across the driveway to the rear of the shops. Line-marking is proposed to help address these concerns.

MAIN REPORT

Flinders Avenue is primary access road which measures 11 metres in width north of the intersection with Berallier Street where there is an existing double barrier centre line. It narrows south of the intersection. The street has unrestricted parking throughout but with 90-degree angled parking bays adjacent to the shops opposite Berallier Street (**Attachment 1**).

Drivers have been observed approaching the bend unsafely, which is further exacerbated by parked vehicles compromising sightlines at the intersection. To address delineation and sightline concerns raised by residents, it is proposed to implement edge lines from Cowper Drive to Berallier Drive. The lines will create travel lanes 3.3 metres wide, tapering at the intersections. Details are provided in **Attachment 2**.

Consultation was undertaken with adjacent owners and occupants regarding the proposed line making. One verbal response was received expressing concern that the line-marking would not stop people parking across the pram ramps near Berallier Drive and would prefer signage. As this would result in parking over the lines this would be in clear breach of the Road Rules and can be enforced. A written response was received raising no objection but requesting two-hour parking restrictions in front of the shops to deter all day parking.

FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

The estimated cost of the recommended work is \$2,000. It is proposed that the cost be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2022/23 financial year.

CONCLUSION

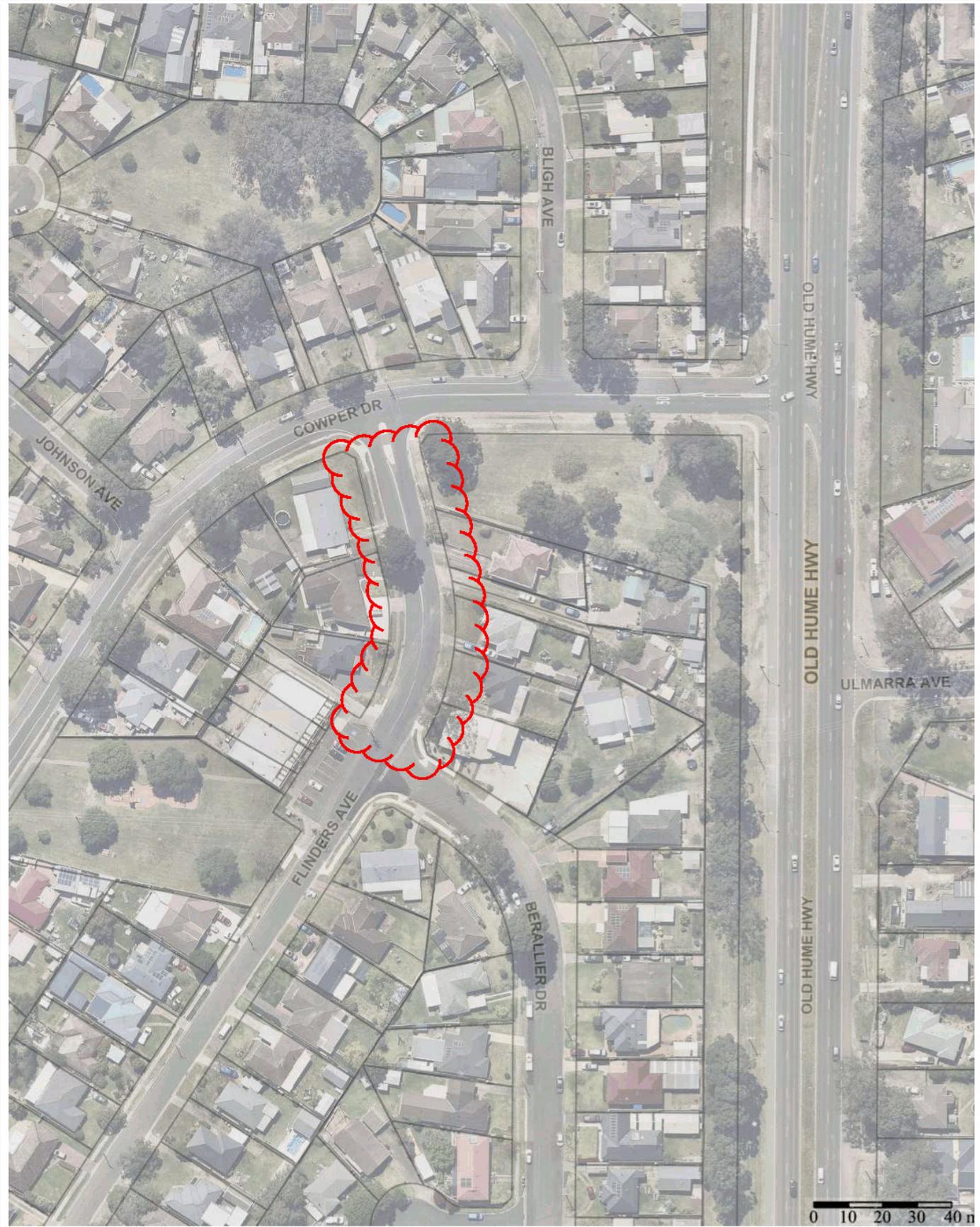
Concerns have been raised regarding driver behaviour in Flinders Avenue, Camden South, and it is recommended that the Committee supports line marking to help address the issues.

RECOMMENDED

That the Local Traffic Committee recommends that Council approves in Flinders Avenue, Camden South Edgelines (E1) between Cowper Drive and Berallier Street.

ATTACHMENTS

1. Attachment 1 - Flinders Avenue Overview Plan
2. Attachment 2 - Flinders Avenue Line-marking Plan



LTC05

Attachment 1



Camden Council
 76 Central Ave
 ORAN PARK NSW 2576
 Telephone: 02 4654 7777
 Email: ma@camden.nsw.gov.au



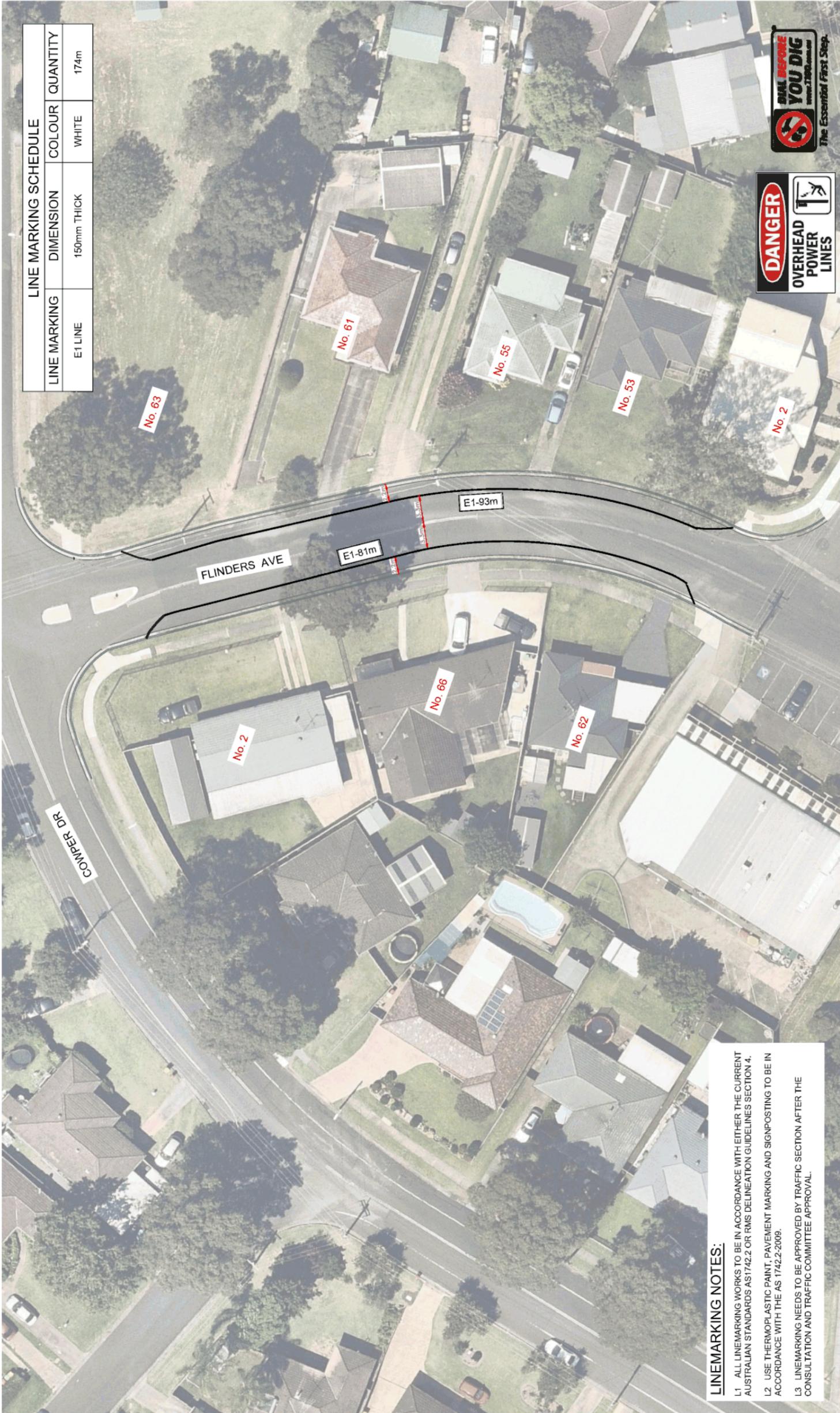
Subject Site

Flinders Avenue - Overview Plan

Map Scale: 1:1500
 Projection: GDA94 / MGA zone 50
 Date: 7/04/2022 6:37 PM



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| LINE MARKING SCHEDULE | | | |
|-----------------------|-------------|--------|----------|
| LINE MARKING | DIMENSION | COLOUR | QUANTITY |
| E1 LINE | 150mm THICK | WHITE | 174m |

LINEMARKING NOTES:
 L1 ALL LINEMARKING WORKS TO BE IN ACCORDANCE WITH EITHER THE CURRENT AUSTRALIAN STANDARDS AS1742.2 OR RMS DELINEATION GUIDELINES SECTION 4.
 L2 USE THERMOPLASTIC PAINT, PAVEMENT MARKING AND SIGNPOSTING TO BE IN ACCORDANCE WITH THE AS 1742.2-2009.
 L3 LINEMARKING NEEDS TO BE APPROVED BY TRAFFIC SECTION AFTER THE CONSULTATION AND TRAFFIC COMMITTEE APPROVAL.

LINE MARKING PLAN
 SCALE 1:2500 A1

FOR CONSULTATION

| RECOMMENDED | SUPERVISED | FIELD BOOK | LEVEL BOOK |
|--|---|---|--|
| Terra Leader Civil Design & Survey DATE 21 March 2022 APPROVED | DATE DRAWN P.C. DATE MAR 2022 CONSTRUCTED | DATE DESIGNED P.C. DATE MAR 2022 W.A.E. | CHECKED M.I. DATE MAR 2022 DESIGN SPEED |



NOTES:

| SERVICES LEGEND | FILE No. | DATE |
|-----------------|----------|----------|
| TELECOM | | |
| GAS | | |
| SEWER | | |
| WATER | | |
| ELEC CABLES | P2 | 25.03.22 |
| POWER POLES | P1 | 16.03.22 |

| CAMDEN COUNCIL | |
|--|----------|
| FLINDERS AVENUE CAMDEN SOUTH LINE MARKING WORKS | |
| SCALES | AS SHOWN |
| DATUM | A.H.D |
| SHEET No | 1 |
| No of SHEETS | 1 |

Attachment 2
LTC05

LTC06

LTC06

SUBJECT: JOHN STREET, CAMDEN - WOMBAT CROSSING
FROM: Acting Director Community Assets
EDMS #: 22/159720

PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the signage and line marking, associated with installing a wombat crossing along John Street, Camden.

BACKGROUND

Council has successfully secured funding under the Federal Stimulus Road Safety Program to install a wombat crossing at the existing children's crossing in John Street, Camden. This report details the associated signage, line-marking and devices.

MAIN REPORT

The Federal Government is providing funding for the construction of a wombat crossing in John Street, Camden, through the Federal Stimulus Road Safety Program. This program supports measures to encourage walking and enhance safety at schools. An overview plan is shown in **Attachment 1**.

A detailed proposal is shown Plan No, 2021-044 (Sheet 5) in **Attachment 2**. This includes a raised zebra crossing with line-marking and signage. The existing children's crossing line-marking and flags are proposed to be retained creating a hybrid crossing. There are existing kerb extensions and No Stopping restrictions along both kerb lines.

There are currently no adjacent properties except the school. Camden Public School were consulted on and support this proposal.

FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

The works are budgeted at \$200,000, funded by a grant from the Federal Stimulus Road Safety Program in the 2021/22 financial year, as approved by Council on 13 April 2021.

CONCLUSION

Council is planning to construct a wombat crossing in John Street, Camden, with associated signage and line-marking. It is recommended that the Committee supports the proposal.

RECOMMENDED

The Local Traffic Committee recommends that Council approves in John Street, Camden, adjacent Camden Public School, a wombat crossing with associated signage and line-marking as detailed in Plan No. 2021-044 (Sheet 5).

ATTACHMENTS

1. Attachment 1
2. Attachment 2



LTC06

Attachment 1



Camden Council
 70 Central Ave
 ORAN PARK NSW 2570
 Telephone: 02 4854 7777
 Email: mail@camden.nsw.gov.au



Subject Site

John Street, Camden

Map Scale: 1:2580
 Projection: GDA94 / MGA zone 56
 Date: 20/04/2022 10:24 AM



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70% - PRELIMINARY

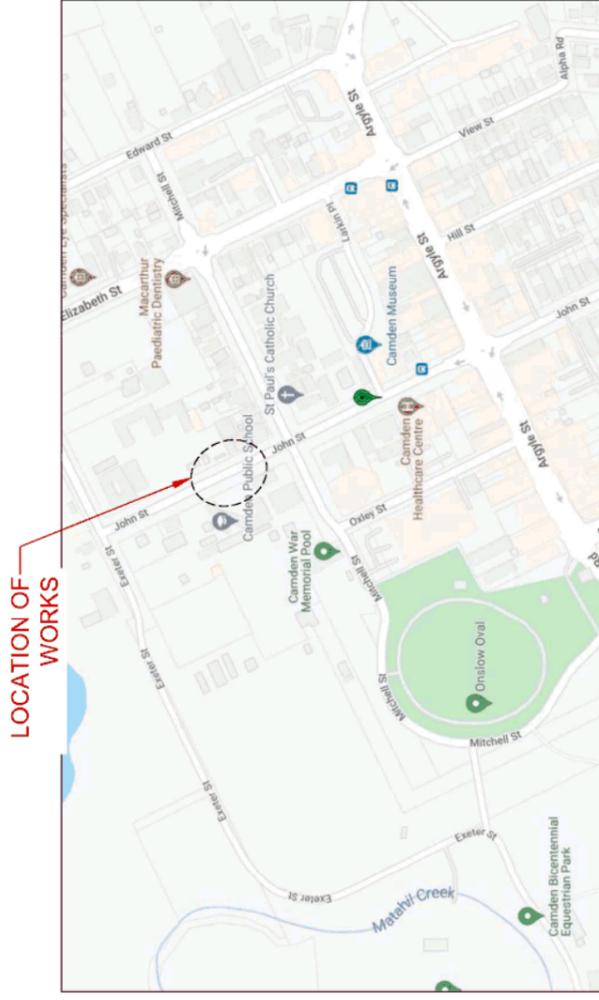
JOHN STREET CAMDEN WOMBAT CROSSING NEAR CAMDEN PUBLIC SCHOOL

PROJECT NO. P-101255

| SHEET INDEX | |
|-------------|--------------------------------|
| SHEET NO. | DESCRIPTION |
| 2021-044-01 | COVER AND INDEX SHEET |
| 2021-044-02 | NOTES SHEET |
| 2021-044-03 | DEMOLITION PLAN SHEET |
| 2021-044-04 | GENERAL ARRANGEMENT PLAN SHEET |
| 2021-044-05 | SIGNAGE PLAN SHEET |
| 2021-044-06 | LONG SECTION & SETOUT SHEET |
| 2021-044-07 | DETAILS SHEET |



LOCALITY PLAN
NOT TO SCALE



LOCALITY SKETCH
NOT TO SCALE



PROJECT LOCATION



WARNING: UNDERGROUND SERVICES ARE LOCATED BEFORE PROCEEDING WITH DEMOLITION.

| SERVICES LEGEND | | NOTES: | |
|-----------------|----|-------------|-----|
| TELECOM | TL | | |
| GAS | G | | |
| SEWER | S | | |
| WATER | W | | |
| ELEC CABLE (U) | U | P2 05/04/22 | MI |
| POWER POLES | P1 | P1 08/09/21 | OBM |

| CAMDEN COUNCIL | | SCALES | |
|---|--|--------------|----------|
| JOHN STREET CAMDEN WOMBAT CROSSING NEAR CAMDEN PUBLIC SCHOOL | | DATUM | AS SHOWN |
| COVER AND INDEX SHEET | | SHEET No | AHD |
| | | No of SHEETS | 1 |
| | | | 7 |

Attachment 2
LTC06

70% - PRELIMINARY

CONSTRUCTION NOTES:

GENERAL NOTES

- G1 ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH CAMDEN COUNCIL'S ENGINEERING DESIGN AND ENGINEERING CONSTRUCTION SPECIFICATIONS.
 - G2 INSPECTIONS BY COUNCIL ARE REQUIRED AT THE FOLLOWING STAGES AND THE WORKS APPROVED PRIOR TO CONTINUANCE OF ANY FUTURE WORK:
 - (A) FOLLOWING INSTALLATION OF EROSION AND SEDIMENT CONTROL STRUCTURES/MEASURES.
 - (B) PRIOR TO BACKFILLING PIPELINES, SUBSOIL DRAINS AND DAMS.
 - (C) PRIOR TO CASTING OF PITS AND OTHER CONCRETE STRUCTURES INCLUDING KERB AND GUTTER BUT FOLLOWING PLACEMENT OF FOOTINGS, FORMWORK AND REINFORCEMENT.
 - (D) PRIOR TO PLACEMENT OF SUB-BASE AND ALL SUBSEQUENT PAVEMENT LAYERS. A PROOF ROLLER TEST OF EACH PAVEMENT LAYER IS REQUIRED.
 - (E) FORMWORKS PRIOR TO POURING OF CONCRETE IN PARKING AREA FOR FOOTPATH CROSSING AND OTHER ASSOCIATED WORK.
 - (F) PRIOR TO BACKFILLING PUBLIC UTILITY CROSSINGS IN ROAD RESERVES.
 - (G) FINAL INSPECTIONS AFTER ALL WORKS ARE COMPLETED AND 'WORKS AS EXECUTED' PLANS HAVE BEEN SUBMITTED TO COUNCIL.
 - G3 NO TREES ARE TO BE REMOVED UNLESS APPROVAL IS GRANTED BY COUNCIL'S LANDSCAPE COMPLIANCE OFFICER OR AS AUTHORISED BY DEVELOPMENT CONSENT.
 - G4 MAKE SMOOTH JUNCTIONS WITH EXISTING WORKS.
 - G5 NO WORK IS TO BE CARRIED OUT ON COUNCIL PROPERTY OR ADJOINING PROPERTIES WITHOUT THE WRITTEN PERMISSION FROM THE OWNER'S.
 - G6 VEHICULAR ACCESS AND ALL UTILITIES/SERVICES ARE TO BE MAINTAINED AT ALL TIMES TO ADJOINING PROPERTIES AFFECTED BY CONSTRUCTION.
 - G7 ALL RUBBISH, BUILDING, SHEDS AND FENCES TO BE REMOVED TO SATISFACTION OF COUNCIL'S ENGINEER.
- PRAM RAMP
- P1. ALL DIMENSIONS ARE IN MILLIMETERS
 - P2. ALL PRAM RAMPS ARE TO BE ALIGNED WITH THE DESIRED DIRECTION OF PEDESTRIAN TRAVEL AND BE A MINIMUM OF 1200 WIDE
 - P3. EXPANSION JOINTS TO BE PROVIDED WHERE ENDS OF PRAM RAMP ABUTS KERB AND GUTTER
 - P4. KERB AND GUTTER TO BE SAWCUT FOR RAMPS PLACED IN EXISTING KERB

EARTHWORKS NOTES

- E1 EARTHWORKS ARE TO BE CARRIED OUT TO THE SATISFACTION OF THE COUNCIL. UNSUITABLE MATERIALS ARE TO BE REMOVED FROM ROADS AND LOTS PRIOR TO FILLING. THE CONTRACTOR IS TO ARRANGE AND MAKE AVAILABLE COMPACTION TESTING RESULTS FOR ALL AREAS THAT CONTAIN FILL IN EXCESS OF 200mm.
- E2 COMPACTION OF EARTHWORKS SHALL CONTINUE UNTIL A DRY DENSITY RATIO OF 98% FOR SITE FILLING AND 100% FOR ROAD PAVEMENT SUBGRADES HAS BEEN ACHIEVED IN ACCORDANCE WITH TEST METHOD AS1289.5.3.1 OR AS1289.5.1.1. THE CONTROL TESTING OF EARTHWORKS SHALL BE IN ACCORDANCE WITH THE GUIDELINES IN AS3798 'GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS'. WHERE IT IS PROPOSED TO USE TEST METHOD AS1289.5.8.1 TO DETERMINE THE FIELD DENSITY, A SAND REPLACEMENT METHOD SHALL BE USED TO CONFIRM THE RESULTS.
- E3 THE SUITABLE GEOTECHNICAL ENGINEER SHALL HAVE A LEVEL 1 RESPONSIBILITY FOR ALL FILLING AS DEFINED IN APPENDIX B AS3798 'GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS', AND AT THE END OF THE WORKS SHALL CONFIRM THE EARTHWORKS COMPLY WITH THE REQUIREMENTS OF THE SPECIFICATION OF THE SPECIFICATION AND DRAWINGS BY WRITTEN NOTIFICATION.
- E4 IN AREAS TO BE FILLED WHERE THE SLOPE OF THE NATURAL SURFACE EXCEEDS 1(V):4(H), BENCHES ARE TO BE CUT TO PREVENT SLIPPING OF THE PLACED FILL MATERIAL AS REQUIRED BY THE COUNCIL.
- E5 ALL BATTERS ARE TO BE SCARIFIED TO A DEPTH OF 50mm TO ASSIST WITH ADHESION OF TOP-SOIL TO BATTER FACE.
- E6 PROVIDE MINIMUM 150mm AND MAXIMUM 300mm TOPSOIL ON FOOTPATHS, FILLED AREAS AND ALL OTHER AREAS DISTURBED DURING CONSTRUCTION. TOPSOILED AREAS ARE TO BE STABILISED WITH APPROVED VEGETATION A MAXIMUM OF 14 DAYS AFTER TOPSOILING AND ARE TO BE WATERED TO ENSURE GERMINATION.
- E7 SEDIMENTATION, EROSION, AND POLLUTION SHALL BE CONTROLLED DURING CONSTRUCTION IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT EDITION OF 'MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION' PRODUCED BY LANDCOM.
- E8 A MINIMUM 1 METRE WIDE, CONTINUOUS STRIP OF COUCH GRASS SHALL BE PLACED BEHIND THE BACK OF ALL KERBS AND OTHER CONCRETE STRUCTURES IMMEDIATELY AFTER THE COMPLETION OF THE FOOTPATH GRADING OR OTHER ELEMENTS AS APPLICABLE, AND SHALL BE MAINTAINED AND REPLACED AS REQUIRED DURING THE CONSTRUCTION MAINTENANCE PERIOD.

ROADWORKS NOTES

- R1 SUBGRADES AND SUB-BASES ARE TO BE COMPACTED IN ACCORDANCE WITH COUNCIL'S CONSTRUCTION SPECIFICATION.
- R2 SUBSOIL DRAINS ARE TO BE PROVIDED ON BOTH SIDES OF THE ROADS (EXCEPT WHERE THERE IS STORMWATER DRAINAGE PROVIDED).
- R3 150 x 50 H.D. GALVANISED STEEL KERB OUTLETS ARE TO BE PLACED IN ALL KERB TYPES OF LOW SIDE OF LOTS. PROVIDE A SUITABLE ADAPTOR TO ALLOW CONNECTION OF 90mm DIAMETRE STORMWATER PIPE.
- R4 LIPLISS PERAMBULATOR CROSSINGS ARE TO BE PROVIDED IN ALL KERB RETURNS AND WHERE REQUIRED BY COUNCIL.
- R5 SERVICE CONDUITS ARE TO BE PLACED AS DIRECTED BY ALL PUBLIC AUTHORITIES INCLUDING ENDEAVOUR ENERGY, TELSTRA, NBN, SYDNEY WATER AND JEMENA.
- R6 PROPOSED UTILITIES AND SERVICES CROSSING EXISTING ROADS SHALL BE PROVIDED FOR USING A TRENCHLESS TECHNIQUE SO AS NOT TO DAMAGE THE EXISTING SURFACE. ALL SERVICE CONDUITS UNDER ROADS MUST BE LAID TO A MINIMUM DEPTH OF 750mm.
- R7 CONCRETE FOOTPATH CONSTRUCTION IS TO BE BONDED WITH COUNCIL PENDING COMPLETION OF UTILITY/SERVICES AND SURROUNDING DWELLINGS.
- R8 ALL TEMPORARY ROADS MUST BE TEMPORARILY SEALED WITH A SINGLE COAT FLUSH SEAL.
- R9 ALL PERMANENT ROADS MUST BE SEALED WITH A SINGLE COAT FLUSH SEAL AND 50mm OF AC TO BE APPLIED IN TWO 25mm THICK LAYERS. THE FINAL AC LAYER IS TO BE AC 10 AND IS TO BE BONDED WITH COUNCIL AND PLACED FOLLOWING APPROVAL FROM COUNCIL.
- R10 SIGNPOSTING AND LINE MARKING SHALL CONFORM TO AS1742.2 'TRAFFIC CONTROL DEVICES FOR GENERAL USE'. RAISED RETRO-REFLECTIVE PAVEMENT MARKERS ARE TO CONFORM TO AS1906 'RETRO-REFLECTIVE MATERIALS AND DEVICES FOR ROAD TRAFFIC CONTROL PURPOSES'. ALL APRONS AND KERB FACE ON CENTRAL ISLANDS OF ROUNDABOUTS AND ALL OTHER ISLANDS ARE TO BE DELINEATED BY REFLECTIVE WHITE MARKING. INSTALLATION SHALL OCCUR IN ACCORDANCE WITH THE PLAN APPROVED BY THE LOCAL TRAFFIC COMMITTEE.
- R11 STREET SIGNS TO COUNCIL STANDARD MUST BE INSTALLED BY THE CONTRACTOR.

WARNING: UNDERGROUND SERVICES
ENSURE THAT ALL UNDERGROUND SERVICES ARE LOCATED BEFORE PROCEEDING WITH DEMOLITION.



SERVICES LEGEND

| | |
|----------------|---------|
| TELECOM | — TL — |
| GAS | — G — |
| SEWER | — S — |
| WATER | — W — |
| ELEC CABLE (C) | — C — |
| POWER POLES | ○ (P) ○ |

FILE No: 1670421
JOB No: 1670421

NOTES:

| | | | |
|----|----------|------------------------|-----|
| P2 | 05/04/22 | 70% - PRELIMINARY | MI |
| P1 | 08/09/21 | ISSUED FOR INFORMATION | GBM |

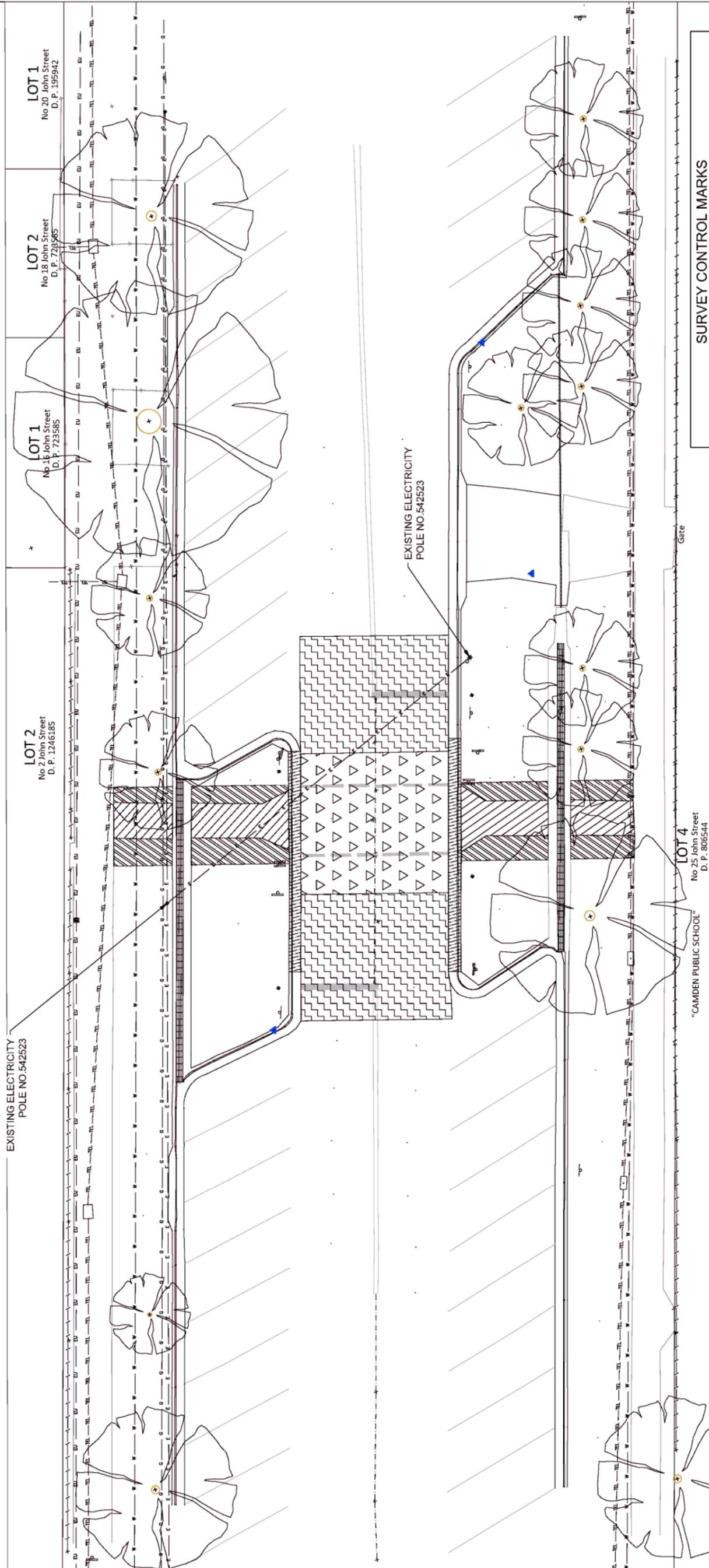
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|----------------|-----------------------------------|------------------|-------------------------|
| RECOMMENDED | TEAM LEADER CIVIL DESIGN & SURVEY | DATE APPROVED | MANAGER ASSETS & DESIGN |
| SURVEYED | DRAWN | DATE CONSTRUCTED | WAVE |
| D.S.A | MI | DATE | DATE |
| DATE: OCT 2021 | DATE: 05/04/22 | DATE: 05/04/22 | DATE: 05/04/22 |
| FIELD BOOK | EDM | DESIGNED | CHECKED |
| EDM | DATE | MI | DATE |
| LEVEL BOOK | EDM | DATE | DATE |
| EDM | DATE | DATE | DATE |

| | |
|---|--|
| CAMDEN COUNCIL | |
| JOHN STREET CAMDEN | |
| WOMBAT CROSSING NEAR CAMDEN PUBLIC SCHOOL | |
| NOTES SHEET | |

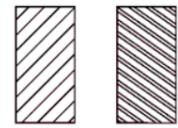
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|--------------|----------|
| SCALES | N/A |
| DATUM | N/A |
| SHEET No | 2 |
| No of SHEETS | 7 |
| PLAN No | 2021-044 |



70% - PRELIMINARY



LEGEND

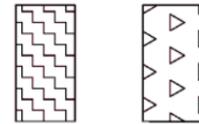


DENOTES DEMOLITION OF EXISTING FOOTPATH-28m²

DENOTES DEMOLITION OF EXISTING GROUND TO CONSTRUCT FOOTPATH AND KERB RAMP-32m²

DENOTES DEMOLITION OF SURFACE TO PAVEMENT TO SURFACE-140m²

DENOTES EXCAVATION OF SURFACE TO CONSTRUCT WOMBAT CROSSING-52m²



DENOTES DEMOLITION OF EXISTING KERB AND GUTTER FOR RECONSTRUCTION-26m

DENOTES EXCAVATION OF SURFACE TO CONSTRUCT WOMBAT CROSSING-52m²

DEMOLITION PLAN
SCALE 1:100@ A1

SURVEY CONTROL MARKS

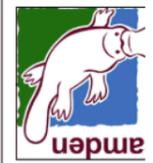
| STATION | COORDINATES (Approx. MGA/GDA 94) | | REMARKS |
|---------|----------------------------------|---------------|---------------------|
| | EASTING | NORTHING | |
| BM#101 | 287 180.822 | 6 229 659.131 | G.I NAIL IN ASPHALT |
| BM#104 | 287 199.164 | 6 229 614.249 | C/NAIL IN FOOTPATH |
| BM#105 | 287 188.269 | 6 229 650.019 | C/NAIL IN KERB |
| BM#106 | 287 181.873 | 6 229 685.164 | C/NAIL IN KERB |

SERVICES LEGEND

| | | |
|--------------|----|----|
| TELECOM | TL | TL |
| GAS | G | G |
| SEWER | S | S |
| WATER | W | W |
| ELEC/CABL UG | BU | BU |
| POWER/POLES | OP | OP |

05/04/22 P2 70% - PRELIMINARY MI
08/09/21 P1 ISSUED FOR INFORMATION GBM

NOTES:



RECOMMENDED

| | |
|-----------------------------------|------|
| TEAM LEADER CIVIL DESIGN & SURVEY | DATE |
| APPROVED | DATE |

SURVEYED

| | | |
|-------------|------|----------|
| D/S A | DATE | OCT 2021 |
| DRAWN | DATE | 05/04/22 |
| CONSTRUCTED | DATE | 05/04/22 |

FIELD BOOK

| | | |
|---------|------|----------|
| EDM | DATE | DESIGNED |
| CHECKED | DATE | W/A E |

LEVEL BOOK

| | | |
|--------------|------|---------|
| EDM | DATE | CHECKED |
| DESIGN SPEED | DATE | |

CAMDEN COUNCIL

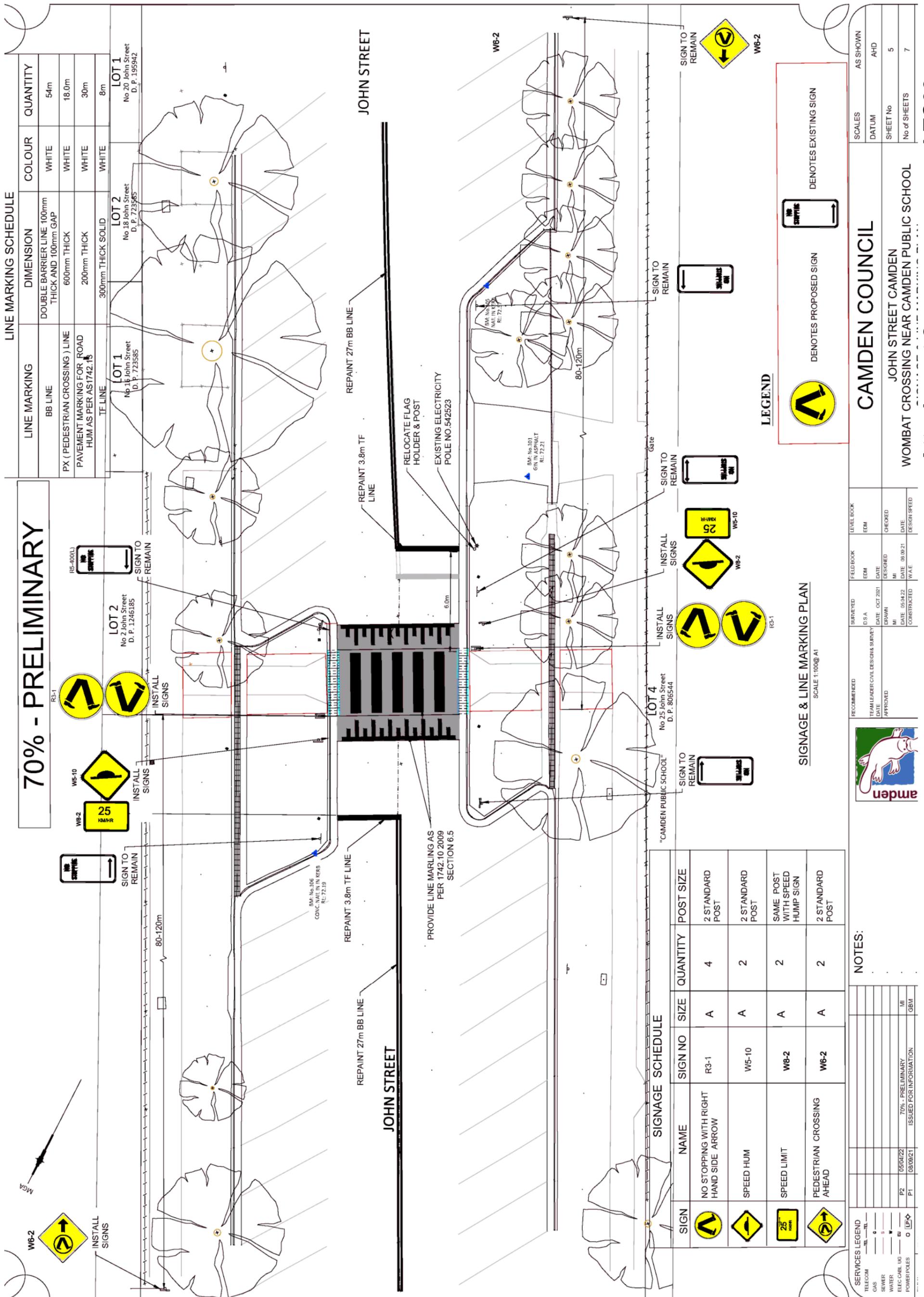
JOHN STREET CAMDEN
WOMBAT CROSSING NEAR CAMDEN PUBLIC SCHOOL

SCALES

| | |
|--------------|----------|
| DATUM | AS SHOWN |
| SHEET No | AHD |
| No of SHEETS | 3 |
| | 7 |

Attachment 2

LTC06



70% - PRELIMINARY

LINE MARKING SCHEDULE

| LINE MARKING | DIMENSION | COLOUR | QUANTITY |
|--|---|--------|----------|
| BB LINE | DOUBLE BARRIER LINE 100mm THICK AND 100mm GAP | WHITE | 54m |
| PX (PEDESTRIAN CROSSING) LINE | 600mm THICK | WHITE | 18.0m |
| PAVEMENT MARKING FOR ROAD HUM AS PER AS1742.15 | 200mm THICK | WHITE | 30m |
| TF LINE | 300mm THICK SOLID | WHITE | 8m |

| LOT 1 | LOT 2 | LOT 4 |
|-----------------------------------|-----------------------------------|--|
| No 16 John Street D. P. 723585 | No 18 John Street D. P. 723585 | No 25 John Street D. P. 806544 |
| No 2 John Street D. P. 1246185 | No 20 John Street D. P. 195942 | "CAMDEN PUBLIC SCHOOL" D. P. 806544 |

SIGNAGE SCHEDULE

| SIGN | NAME | SIGN NO | SIZE | QUANTITY | POST SIZE |
|------|--|---------|------|----------|---------------------------------|
| | NO STOPPING WITH RIGHT HAND SIDE ARROW | R3-1 | A | 4 | 2 STANDARD POST |
| | SPEED HUM | W5-10 | A | 2 | 2 STANDARD POST |
| | SPEED LIMIT | W6-2 | A | 2 | SAME POST WITH SPEED HUMPS SIGN |
| | PEDESTRIAN CROSSING AHEAD | W6-2 | A | 2 | 2 STANDARD POST |

LEGEND

DENOTES PROPOSED SIGN

DENOTES EXISTING SIGN

SIGNAGE & LINE MARKING PLAN

SCALE 1:100@ A1

| SERVICES LEGEND | | NOTES: | |
|-----------------|----|--------|------------------------|
| TELECOM | TL | | |
| GAS | G | | |
| SEWER | S | | |
| WATER | W | | |
| ELEC/CABL UG | BU | | |
| POWER/POLES | OP | | |
| | | P1 | 05/04/22 |
| | | P2 | 08/09/21 |
| | | | 70% - PRELIMINARY |
| | | | ISSUED FOR INFORMATION |
| | | | MI |
| | | | GBM |

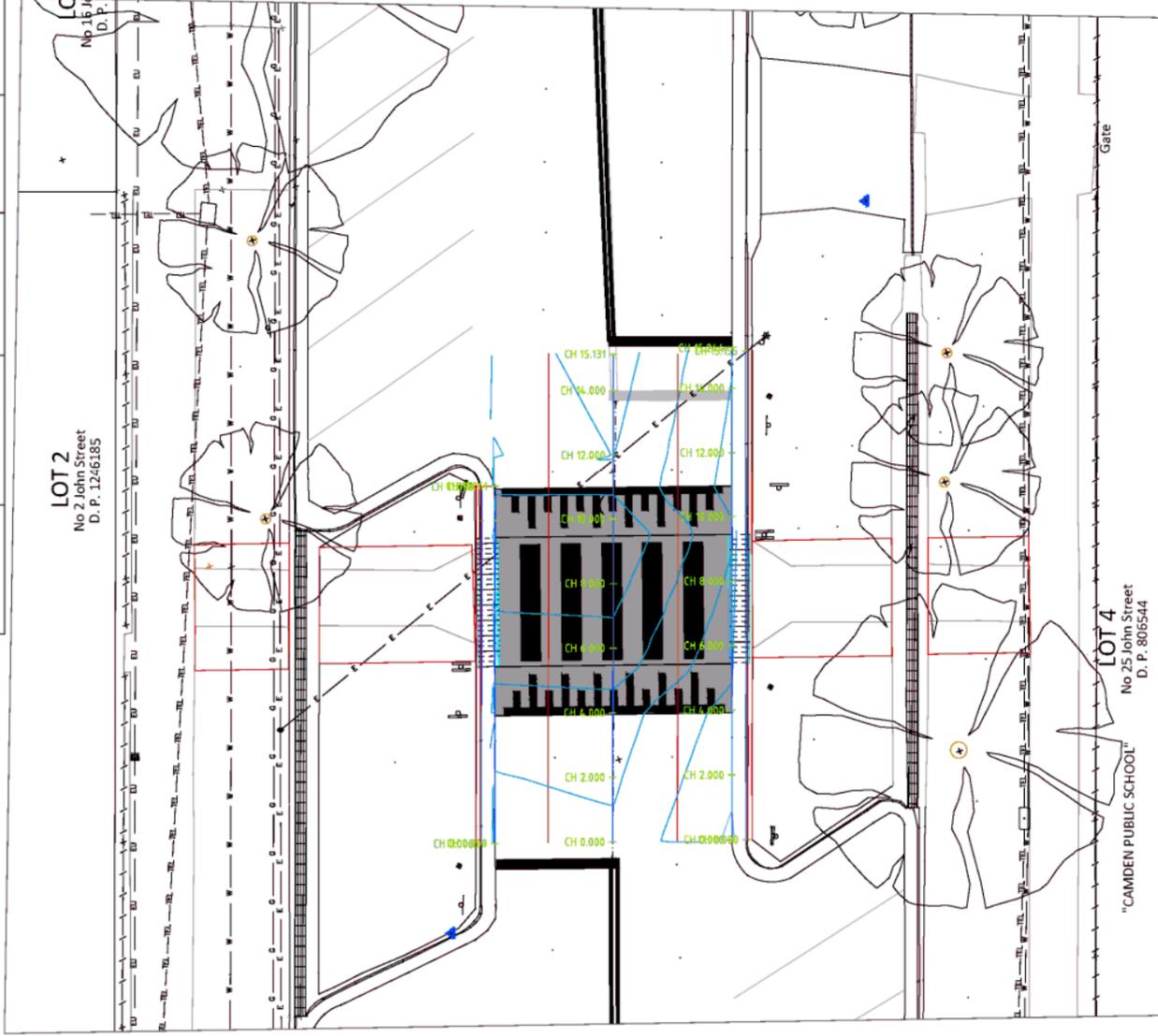
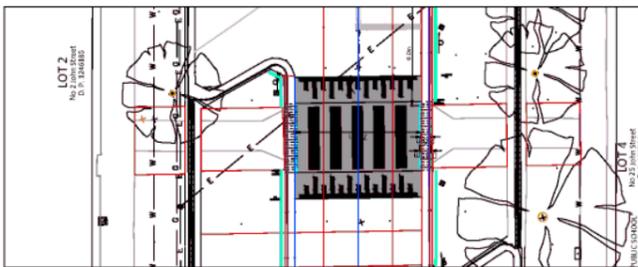
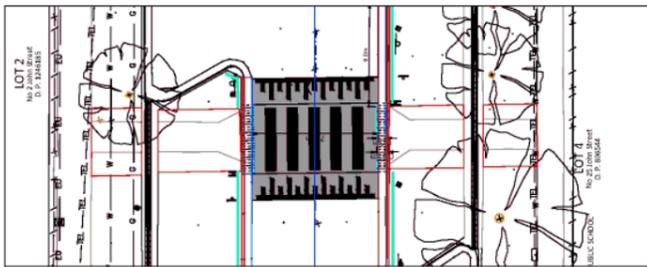
| CAMDEN COUNCIL | | JOHN STREET CAMDEN | |
|---|--|--------------------|-----|
| WOMBAT CROSSING NEAR CAMDEN PUBLIC SCHOOL | | AS SHOWN | 5 |
| | | DATUM | AHD |
| | | SHEET No | 7 |
| | | No of SHEETS | |

Attachment 2

LTC06

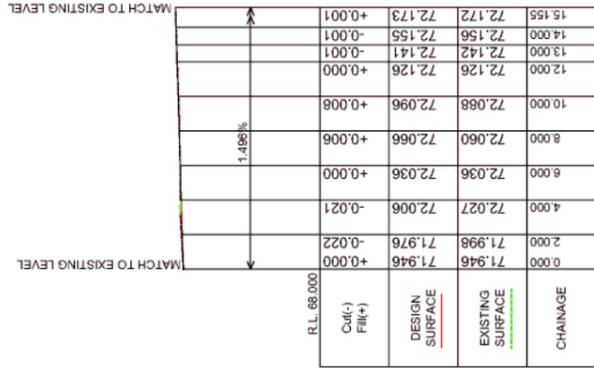
70% - PRELIMINARY

| STATION | COORDINATES (Approx. MGA/GDA 94) | | R.L. (AHD) | REMARKS |
|---------|----------------------------------|---------------|------------|---------------------|
| | EASTING | NORTHING | | |
| BM#101 | 287 180.822 | 6 229 659.131 | 72.210 | G.I NAIL IN ASPHALT |
| BM#104 | 287 199.164 | 6 229 614.249 | 72.967 | C/NAIL IN FOOTPATH |
| BM#105 | 287 188.269 | 6 229 650.019 | 72.569 | C/NAIL IN KERB |
| BM#106 | 287 181.873 | 6 229 685.164 | 72.189 | C/NAIL IN KERB |

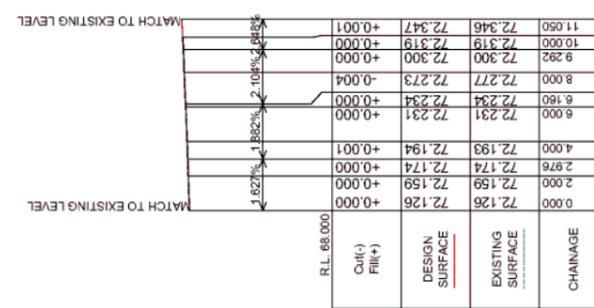


SETOUT PLAN
SCALE 1:100@ A1

TO BE COMPLETED



INV OF K & G - LONGITUDINAL SECTION (WEST SIDE)



INV OF K & G - LONGITUDINAL SECTION (EAST SIDE)

| SCALES | AS SHOWN |
|--------------|----------|
| DATUM | AHD |
| SHEET No | 6 |
| No of SHEETS | 7 |
| PLAN No | 2021-044 |

CAMDEN COUNCIL
JOHN STREET CAMDEN
WOMBAT CROSSING NEAR CAMDEN PUBLIC SCHOOL
LONGITUDINAL SECTION & SETOUT PLAN SHEET

| RECOMMENDED | SURVEYED | FIELD BOOK | LEVEL BOOK |
|-----------------------------------|----------|------------|------------|
| TEAM LEADER CIVIL DESIGN & SURVEY | D/S A | EDM | EDM |
| DATE APPROVED | DATE | DATE | DATE |
| MANAGER ASSETS & DESIGN | DATE | DATE | DATE |



NOTES:

| FILE No | DATE | ISSUED FOR INFORMATION |
|---------|----------|------------------------|
| P2 | 05/01/22 | 70% - PRELIMINARY |
| P1 | 08/09/21 | |

LTC07

SUBJECT: GOVERNOR DRIVE, HARRINGTON PARK - CENTRE AND EDGE LINE-MARKING

FROM: Acting Director Community Assets

EDMS #: 22/159767

LTC07

PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the installation of centre and edge line-marking along Governor Drive, Harrington Park.

BACKGROUND

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

MAIN REPORT

Governor Drive is a collector road in Harrington Park that runs between Cobbitty Road and The Northern Road (**Attachment 1**). The majority of the road is 7.2 metres wide. The northern end between Cobbitty Road has carriageways 5 metres wide separated by a median island. The road has a speed limit of 50km/h. There are four roundabouts along the road which help regulate traffic and speeds. Residents report some traffic using Governor Drive to access Macarthur Anglican School from The Northern Road.

Seven-day speed and volume counts were undertaken in December 2021 indicating 85th percentile speeds of 53.8 km/h and an average daily volume of 3,099 vehicles. To help address concerns the following is proposed (**Attachment 2**):

- Edge line-marking (E1) between Cobbitty Road and Underwood Circuit creating 3-metre-wide travel lanes; and
- Separation line-marking (S1) between Underwood Circuit and Abercrombie Place.

Public consultation has been undertaken with affected owners and occupiers and six written responses have been received. Two responses did not think the line-marking would be effective and suggested speed enforcement. One also considered the road should be closed mid-way. Another response asked if the edge line would be yellow. Another response suggested speed humps and chicanes. One response was concerned that the edge line would restrict parking and suggested limiting access to local traffic only.

Based on the speed and volume counts, the line-marking treatment is considered proportionate at this time. Parking is not permitted by the Road Rules at intersections and the proposal would have no further impact on parking.

FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

The estimated cost of the recommended work is \$3,500. It is proposed that the cost be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2022/23 financial year.

CONCLUSION

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

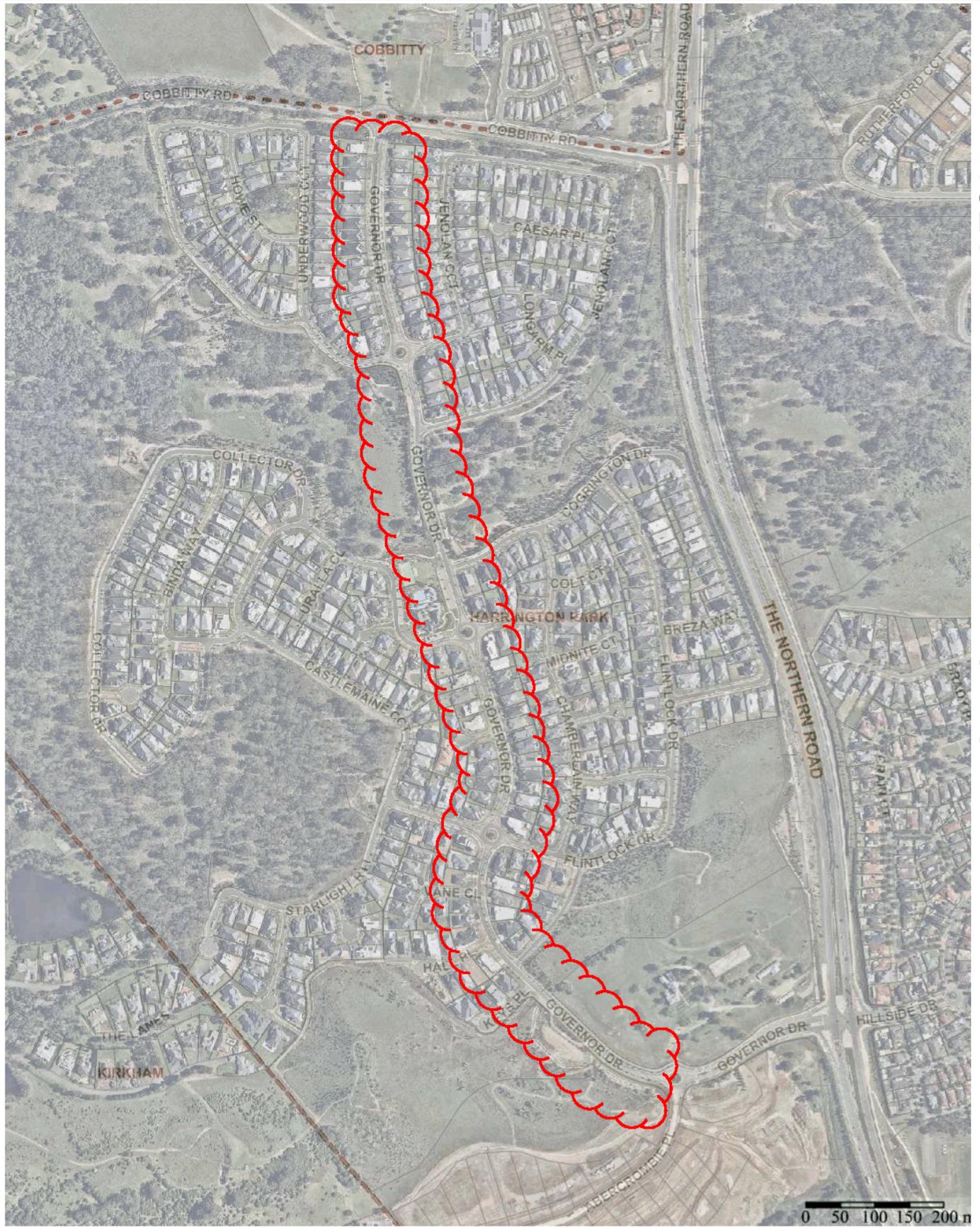
RECOMMENDED

The Local Traffic Committee recommends that Council approves in Governor Drive, Harrington Park, as detailed in Drawing No. 2022-006:

- i. Edge line-marking (E1) between Cobbitty Road and Underwood Circuit; and**
- ii. Separation line-marking (S1) between Underwood Circuit and Abercrombie Place.**

ATTACHMENTS

1. Attachment 1 - Governor Drive Overview Plan
2. Attachment 2 - Governor Drive Line-marking Plan



Camden Council
 76 Central Ave
 ORAN PARK NSW 2576
 Telephone: 02 4654 7777
 Email: ma@camden.nsw.gov.au



Subject Site

Governor Drive - Overview Plan

Map Scale: 1:7500
 Projection: GDA94 / MGA zone 56
 Date: 7/04/2022 8:02 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.



LINE MARKING PLAN
SCALE 1:5000 A1

LINEMARKING NOTES:

- L1 ALL LINEMARKING WORKS TO BE IN ACCORDANCE WITH EITHER THE CURRENT AUSTRALIAN STANDARDS AS1742.2 OR RMS DELINEATION GUIDELINES SECTION 4.
- L2 USE THERMOPLASTIC PAINT. PAVEMENT MARKING AND SIGNPOSTING TO BE IN ACCORDANCE WITH THE AS 1742.2-2009.
- L3 LINEMARKING NEEDS TO BE APPROVED BY TRAFFIC SECTION AFTER THE CONSULTATION AND TRAFFIC COMMITTEE APPROVAL.



| SERVICES LEGEND | |
|-----------------|----|
| TELECOM | MI |
| GAS | MI |
| SEWER | MI |
| WATER | MI |
| ELECC CABLES | MI |
| POWER POLES | MI |

NOTES:

| RECOMMENDED | SURVEYED | FIELD BOOK | LEVEL BOOK |
|---|--|--|---|
| Team Leader Civil Design & Survey DATE 21 March 2022 APPROVED | DATE DRAWN DATE MAR 2022 P/C CONSTRUCTED | DATE DESIGNED DATE MAR 2022 P/C W.A.E. | CHECKED DATE MAR 2022 M/I DESIGN SPEED |



CAMDEN COUNCIL
GOVERNOR DRIVE HARRINGTON PARK
LINE MARKING WORKS

FOR CONSULTATION

| SCALES | AS SHOWN |
|--------------|----------|
| DATUM | A.H.D |
| SHEET No | 1 |
| No of SHEETS | 3 |

Attachment 2

LTC07



SEE BELOW FOR CONTINUATION



SEE ABOVE FOR CONTINUATION

LINE MARKING PLAN
SCALE 1:500 @ A1

FOR CONSULTATION



NOTES:

| SERVICES LEGEND | ISSUED FOR INFORMATION | AMEND | DATE | APPROV |
|-----------------|------------------------|----------|------|--------|
| TELECOM | | | | |
| GAS | | | | |
| SEWER | | | | |
| WATER | | | | |
| ELEC CABLES | | | | |
| POWER POLES | | | | |
| FILE No: M70722 | P1 | 17.03.22 | | MI |
| FILE No: S17301 | | | | APPROV |

RECOMMENDED
Texas Leader Civil Design & Survey
DATE 21 March 2022
APPROVED
Manager Assets & Design Services

SUPERVED
DATE
DRAWN
P.C
DATE MAR 2022
CONSTRUCTED
W.A.E.

FIELD BOOK
DATE
DESIGNED
P.C
DATE MAR 2022
W.A.E.

LEVEL BOOK
CHECKED
M.J
DATE MAR 2022
DESIGN SPEED
60KM/HR

CAMDEN COUNCIL
GOVERNOR DRIVE HARRINGTON PARK
LINE MARKING WORKS
LINE MARKING PLAN SHEET

SCALES AS SHOWN
DATUM A.H.D
SHEET No 2
No of SHEETS 3
PLAN No 2022-006

SEE BELOW FOR CONTINUATION



SEE ABOVE FOR CONTINUATION

LINE MARKING PLAN
SCALE 1:5000 A1

FOR CONSULTATION

| RECOMMENDED | SURVEYED | FIELD BOOK | LEVEL BOOK |
|--|--|---|--|
| Terra Leader Civil Design & Survey DATE 21 March 2022 APPROVED | DATE DRAWN DATE MAR 2022 P.C. | DATE DESIGNED DATE MAR 2022 P.C. | CHECKED DATE MAR 2022 M.L. DESIGN SPEED |



NOTES:

| SERVICES LEGEND | ISSUED FOR INFORMATION | MI |
|-----------------|------------------------|----|
| TELECOM | | |
| GAS | | |
| SEWER | | |
| WATER | | |
| ELECT. CABLES | | |
| POWER POLES | | |
| | PI 18.03.22 | |

CAMDEN COUNCIL
GOVERNOR DRIVE HARRINGTON PARK
LINE MARKING WORKS

| SCALES | AS SHOWN |
|--------------|----------|
| DATUM | A.H.D |
| SHEET No | 3 |
| No of SHEETS | 3 |

Attachment 2
LTC07

LTC08

SUBJECT: O'KEEFE DRIVE, ORAN PARK - LINE-MARKING AND SIGNAGE
FROM: Acting Director Community Assets
EDMS #: 22/159813

LTC08

PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the installation of centre and edge line-marking and additional signage along O'Keefe Drive, Oran Park.

BACKGROUND

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

MAIN REPORT

O'Keefe Drive is a collector road in Oran Park that runs between South Circuit and Catherine Park Drive (**Attachment 1**). The majority of the road is 11 metres wide. There are kerb extensions throughout the length of the road. The road has a speed limit of 50km/h. There two roundabouts along the road which help regulate traffic and speeds.

Seven-day speed and volume counts were undertaken towards the southern end in December 2021 indicating 85th percentile speeds of 56.7 km/h and an average daily volume of 1,999 vehicles. Volumes are expected to increase significant as the adjacent precinct develops.

To help address concerns the following is proposed between Banfield Drive and Myer Street (**Attachment 2**):

- Edge line-marking (E1);
- Double barrier centre line-marking (BB);
- Give Way line-marking (TB, TB1) and signage (R1-2) at Seidler Parade;
- Double barrier centre line-marking (BB) for 20 metres along Seidler Parade; and
- Extension of No Stopping (R5-400) signage in the vicinity of Myer Street.

Public consultation has been undertaken and one response was received in support of the proposal.

FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

The estimated cost of the recommended work is \$5,000. It is proposed that the cost be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2022/23 financial year.

CONCLUSION

Concerns have been raised regarding driver behaviour in O'Keefe Drive, Oran Park, and it is recommended that the committee supports the signage and line-marking.

RECOMMENDED

That the Local Traffic Committee recommends:

- i. Edge line-marking (E1)**
- ii. Double barrier centre line-marking (BB)**
- iii. Give way line marking (TB, TB1) and signage (R1-2) at Seidler Parade**
- iv. Double barrier centre line-marking (BB) for 20 metres along Seidler Parade;
and**
- v. Extension of No Stopping (R5-400) signage in the vicinity of Myer Street.**

ATTACHMENTS

1. Attachment 1 - O'Keefe Drive Overview Plan
2. Attachment 2 - O'Keefe Drive Line-marking Signage Plan



Camden Council
 76 Central Ave
 ORAN PARK NSW 2576
 Telephone: 02 4654 7777
 Email: ma@camden.nsw.gov.au



Subject Site
 O'Keefe Drive - Overview Plan

Map Scale: 1:7500
 Projection: GDA84 / MGA zone 56
 Date: 7/04/2022 8:01 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.

| LINE MARKING SCHEDULE | | | |
|-----------------------|-------------|--------|----------|
| LINE MARKING | DIMENSION | COLOUR | QUANTITY |
| E1 LINE | 150mm THICK | WHITE | 400m |
| BB LINE | 100mm THICK | WHITE | 283m |



LINE MARKING PLAN
SCALE 1:500 @ A1

LINEMARKING NOTES:

- L1 ALL LINEMARKING WORKS TO BE IN ACCORDANCE WITH EITHER THE CURRENT AUSTRALIAN STANDARDS AS1742.2 OR RMS DELINEATION GUIDELINES SECTION 4.
- L2 USE THERMOPLASTIC PAINT, PAVEMENT MARKING AND SIGNPOSTING TO BE IN ACCORDANCE WITH THE AS 1742.2-2009.
- L3 LINEMARKING NEEDS TO BE APPROVED BY TRAFFIC SECTION AFTER THE CONSULTATION AND TRAFFIC COMMITTEE APPROVAL.

| SIGNAGE SCHEDULE | | | | | | |
|------------------|---|-------------|------|----------|---------------|--|
| SIGN | NAME | SIGN NO | SIZE | QUANTITY | POST SIZE | |
| | NO STOPPING WITH RIGHT HAND SIDE ARROW | R5-400(R) | A | 1 | STANDARD POST | |
| | NO STOPPING WITH LEFT HAND SIDE ARROW | R5-400(L) | A | 1 | STANDARD POST | |
| | NO STOPPING WITH LEFT & RIGHT HAND SIDE ARROW | R5-400(L-R) | A | 2 | STANDARD POST | |



FOR CONSULTATION

| | | | | | |
|---|--|-----------------------|--|-----------------|--|
| | | CAMDEN COUNCIL | | SCALES AS SHOWN | |
| O'KEEFE DRIVE ORAN PARK LINE MARKING WORKS | | DATUM | | A.H.D | |
| THIS MARKING IS A GUIDE | | SHEET No | | 1 | |
| CAMDEN COUNCIL | | No of SHEETS | | 4 | |

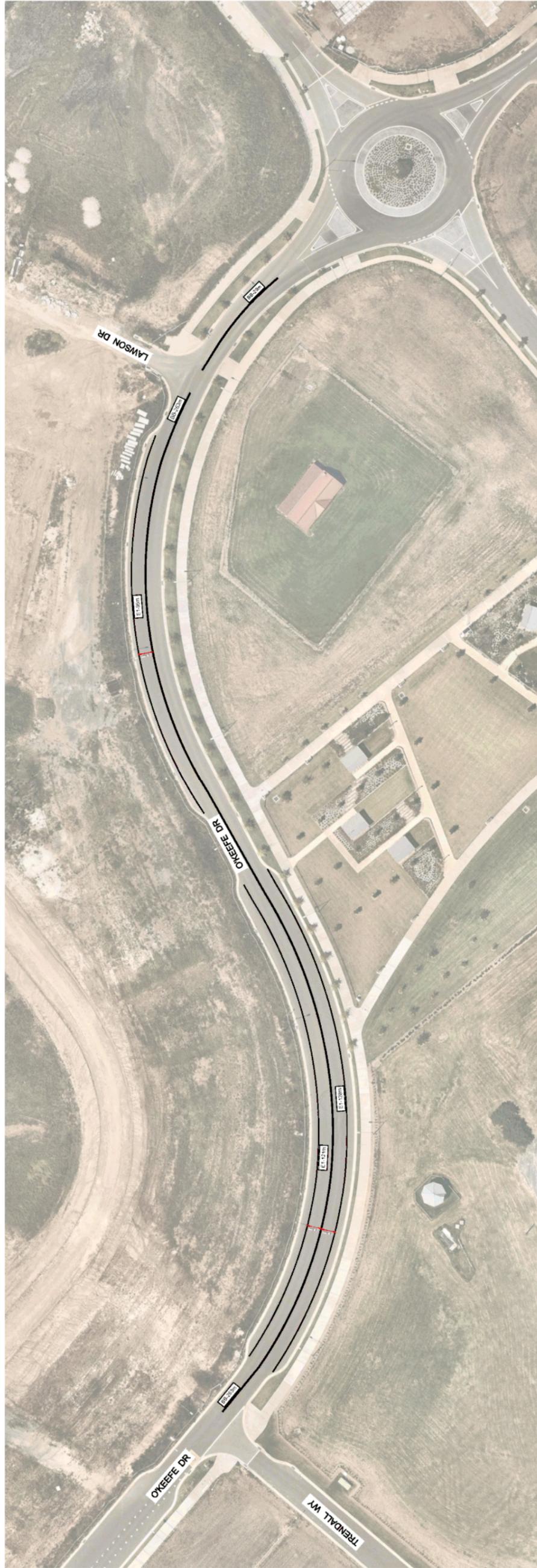
NOTES:

| SERVICES LEGEND | ISSUED FOR INFORMATION | MI |
|-----------------|------------------------|----|
| TELECOM | | |
| GAS | | |
| SEWER | | |
| WATER | | |
| ELEC CABLES | | |
| POWER POLES | | |

Attachment 2

LTC08

| LINE MARKING SCHEDULE | | | |
|-----------------------|-------------|--------|----------|
| LINE MARKING | DIMENSION | COLOUR | QUANTITY |
| E1 LINE | 150mm THICK | WHITE | 344m |
| BB LINE | 100mm THICK | WHITE | 292m |



LINE MARKING PLAN
SCALE 1:5000 @ A1



| SERVICES LEGEND | |
|-----------------|----|
| TELECOM | MI |
| GAS | MI |
| SEWER | MI |
| WATER | MI |
| ELEC CABLES | MI |
| POWER POLES | MI |

NOTES:

| RECOMMENDED | SUPERVISED | FIELD BOOK | LEVEL BOOK |
|--|--|--|---|
| Team Leader Civil Design & Survey DATE 7 JUN 2022 APPROVED | DATE DRAWN DATE APR 2022 P.C CONSTRUCTED | DATE DESIGNED DATE APR 2022 P.C W.A.E. | CHECKED M.I DATE APR 2022 DESIGN SPEED |



CAMDEN COUNCIL

O'KEEFE DRIVE ORAN PARK
LINE MARKING WORKS
THIS MARKING IS A GUIDE

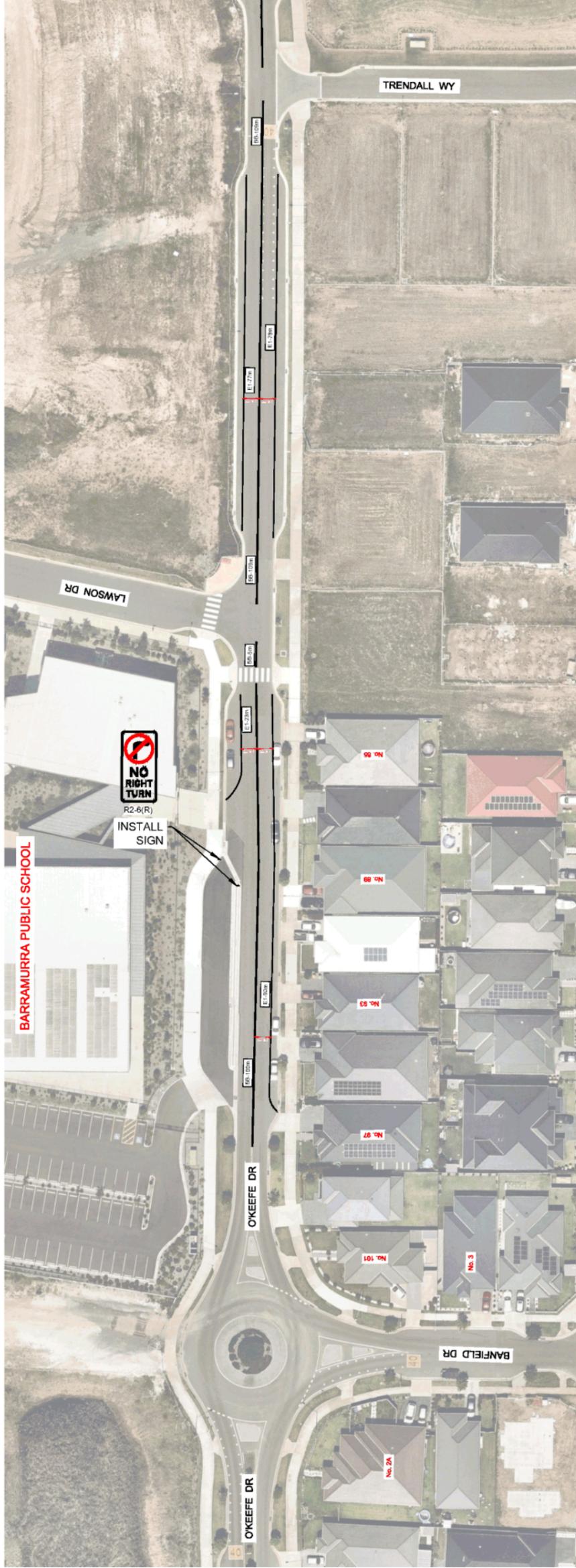
FOR CONSULTATION

| SCALES | AS SHOWN |
|--------------|----------|
| DATUM | A.H.D |
| SHEET No | 3 |
| No of SHEETS | 4 |

Attachment 2

LTC08

| LINE MARKING SCHEDULE | | | |
|-----------------------|-------------|--------|----------|
| LINE MARKING | DIMENSION | COLOUR | QUANTITY |
| E1 LINE | 150mm THICK | WHITE | 268m |
| BB LINE | 100mm THICK | WHITE | 214m |



LINE MARKING PLAN
SCALE 1:500 @ A1

| SIGNAGE SCHEDULE | | | | |
|------------------|---------------|---------|------|---------------|
| SIGN | NAME | SIGN NO | SIZE | POST SIZE |
| | NO RIGHT TURN | R2-6(R) | A | STANDARD POST |
| | | | | 2 |



FOR CONSULTATION

| | | | | |
|---|---------------------------|---|---|---|
| | | CAMDEN COUNCIL | | SCALES AS SHOWN |
| O'KEEFE DRIVE ORAN PARK LINE MARKING WORKS LINE MARKING PLAN SHEET | | DATUM | SHEET No 4 | A.H.D |
| RECOMMENDED Trans-Leader Civil Design & Survey DATE 7 APR 2022 APPROVED | | SURVEYED DATE DRAWN P.C. DATE APR 2022 CONSTRUCTED | FIELD BOOK DATE DESIGNED P.C. DATE APR 2022 W.A.E. | LEVEL BOOK CHECKED M.I. DATE APR 2022 DESIGN SPEED 60KM/HR |
| NOTES: | | AS SHOWN | | |
| SERVICES LEGEND TELECOM GAS SEWER WATER ELEC CABLES POWER POLES | AMEND DATE P1 06.04.22 | DESCRIPTION ISSUED FOR INFORMATION | APPROV MI | PLAN No 2022-010 |

LTC09**SUBJECT: NARELLAN HIGH PEDESTRIAN ACTIVITY AREA - ASSOCIATED LOCAL AREA TRAFFIC MANAGEMENT****FROM:** Acting Director Community Assets**EDMS #:** 22/159860**LTC09**

PURPOSE OF REPORT

To seek concurrence of the Local Traffic Committee for local area traffic management associated with the Narellan Town Centre High Pedestrian Activity Area.

BACKGROUND

Transport for New South Wales approaches Councils each year for potential slower speed projects. Funding has just been made available towards installation of a High Pedestrian Activity Area (40km/h zone) in Narellan Town Centre.

MAIN REPORT

High Pedestrian Activity Areas are appropriate in shopping precincts and around community services, with the maximum permanent 40km/h speed limit in these areas. The different road environment, reinforced by local area traffic management measures, helps alert drivers to the lower speed limit and provides increased awareness of the presence of pedestrians moving about or near the road. This creates a safer road environment for all road users, particularly for pedestrians, cyclists and children.

Last year Council was invited by TfNSW to consider developing a 40km/h High Pedestrian Activity Area in Narellan Town Centre. Council was already progressing raised zebra (wombat) crossings in Elyard Street and Queen Street. The design scope was therefore expanded to incorporate additional traffic management measures to support a self-enforcing 40km/h limit in Elyard Street, Queen Street and Somerset Avenue, as required by the program (**Attachment 1**). Details of the signage, linemarking and devices are provided in **Attachment 2** as follows:

- Queen Street (towards Camden Valley Way): Threshold treatment including kerb blister and raised table;
- Queen Street (towards Elyard Street): Wombat crossing and kerb blisters;
- Elyard Street (towards Queen Street): Wombat crossing and kerb blisters;
- Elyard Street (midblock between Queen Street and Somerset Avenue): kerb blisters;
- Elyard Street (towards Somerset Avenue): kerb blisters and raised table;
- Somerset Avenue (at Elyard Street): kerb blisters and raised table;
- Somerset Avenue (towards Elyard Street): kerb blisters and raised table; and
- Somerset Avenue (towards Camden Valley Way): Threshold treatment including kerb blister.

Consultation has been undertaken with surrounding businesses and residents. Two responses were received from businesses. One on Queen Street sought to clarify their access would be unimpeded. Another on Somerset Avenue requested the existing bus stop be relocated. This is not compatible with the current proposal noting that the development zoning in Narellan Town Centre seeks to facilitate redevelopment of properties in Somerset Avenue.

FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

This project is funded from the Pedestrian Safety Program in 2021/22 and the Camden Contributions Plan into the 2022/23 financial year.

CONCLUSION

A High Pedestrian Activity Area is proposed in Queen Street, Elyard Street and Somerset Avenue in Narellan, with traffic management devices. It is recommended that the Committee supports the proposal.

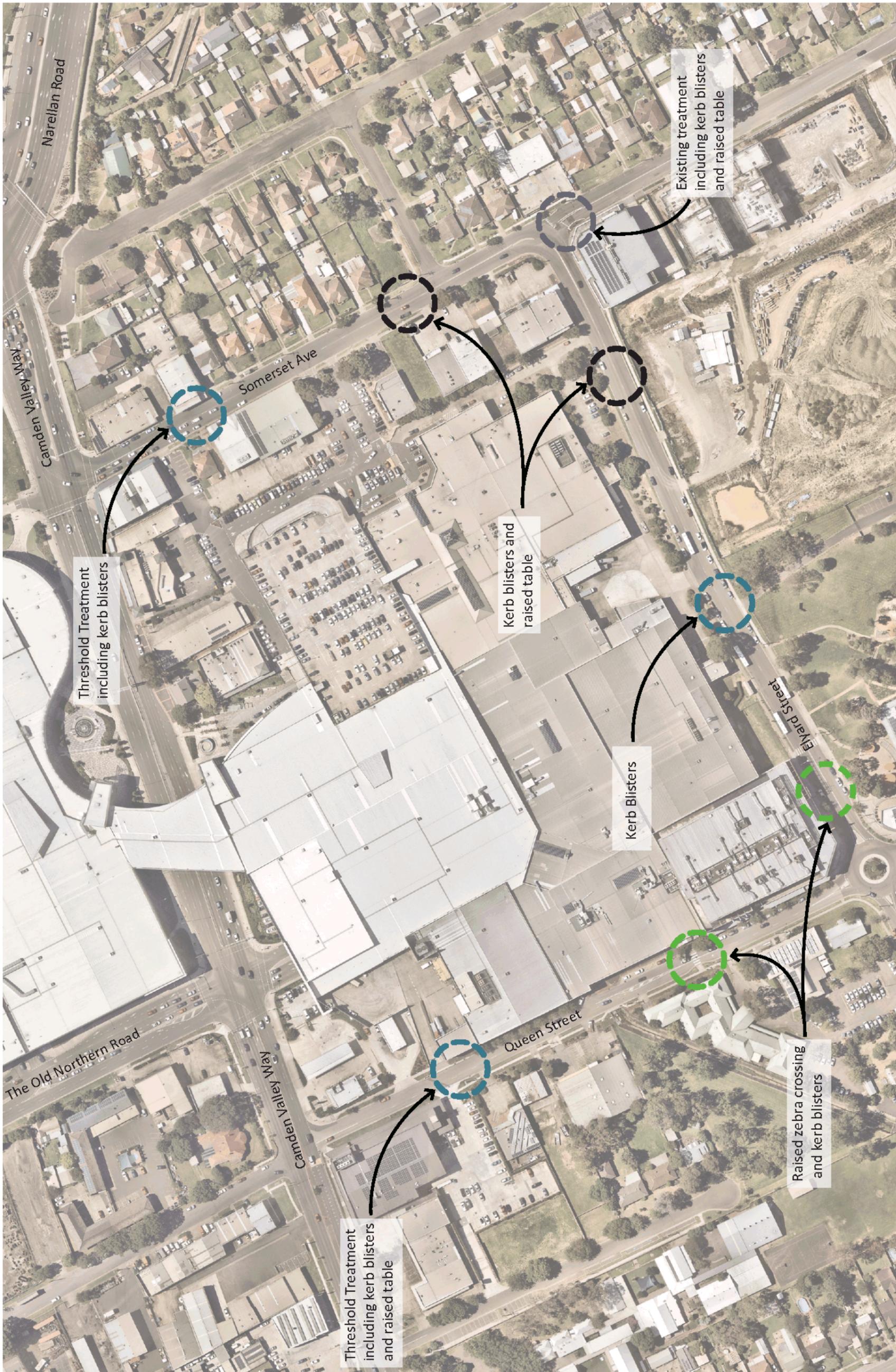
RECOMMENDED

The Local Traffic Committee recommends:

- **Queen Street (towards Camden Valley Way): Threshold treatment including kerb blister and raised table;**
- **Queen Street (towards Elyard Street): Wombat crossing and kerb blisters;**
- **Elyard Street (towards Queen Street): Wombat crossing and kerb blisters;**
- **Elyard Street (midblock between Queen Street and Somerset Avenue): kerb blisters;**
- **Elyard Street (towards Somerset Avenue): kerb blisters and raised table;**
- **Somerset Avenue (at Elyard Street): kerb blisters and raised table;**
- **Somerset Avenue (towards Elyard Street): kerb blisters and raised table;**
and
- **Somerset Avenue (towards Camden Valley Way): Threshold treatment including kerb blister**

ATTACHMENTS

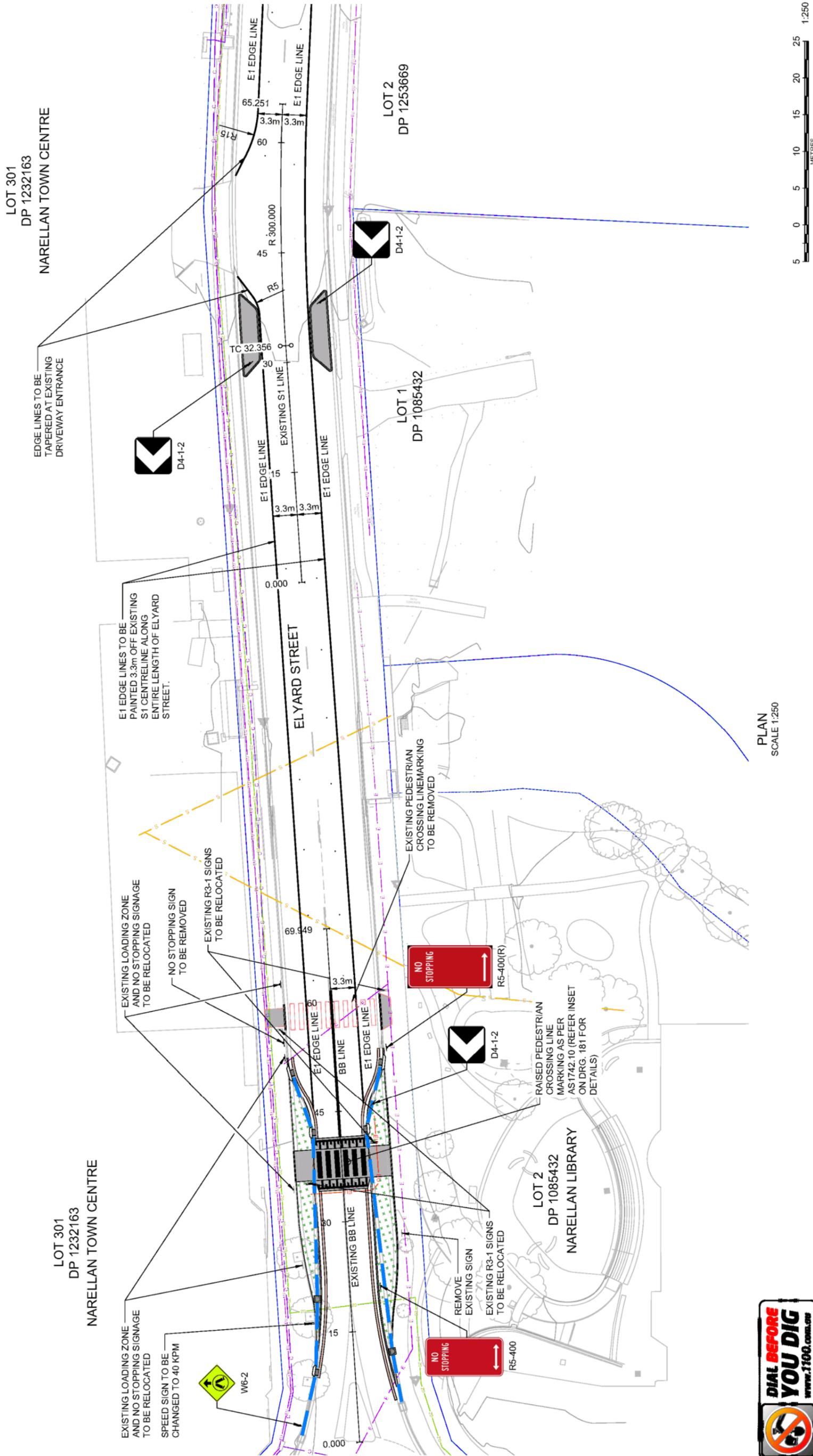
1. Attachment 1 - Narellan High Pedestrian Activity Area Location
2. Attachment 2 - Narellan High Pedestrian Activity Area Plans



Narellan High Pedestrian Activity Area - Local Area Traffic Management Measures
Camden Council Sketch

LTC09

Attachment 1



PLAN
SCALE 1:250

| | | | |
|-----|-------------------|--------|------------|
| REV | AMENDMENT | ISSUED | DATE |
| 1 | 100% DESIGN ISSUE | JT | 22/12/2021 |

| | | | |
|-----------------|-----------------|---------|---|
| STONEY | HUNTER | Client: | HIGH PEDESTRIAN ACTIVITY AREA, NARELLAN |
| CS/UTRAL COAST | S.E. CO. | | CIVIL ENGINEERING PLANS |
| P. 02 4026 5205 | P. 07 5582 6555 | | |

| | |
|-----------|----|
| DESIGNED: | JT |
| DRAWN: | JT |
| CHECKED: | SB |

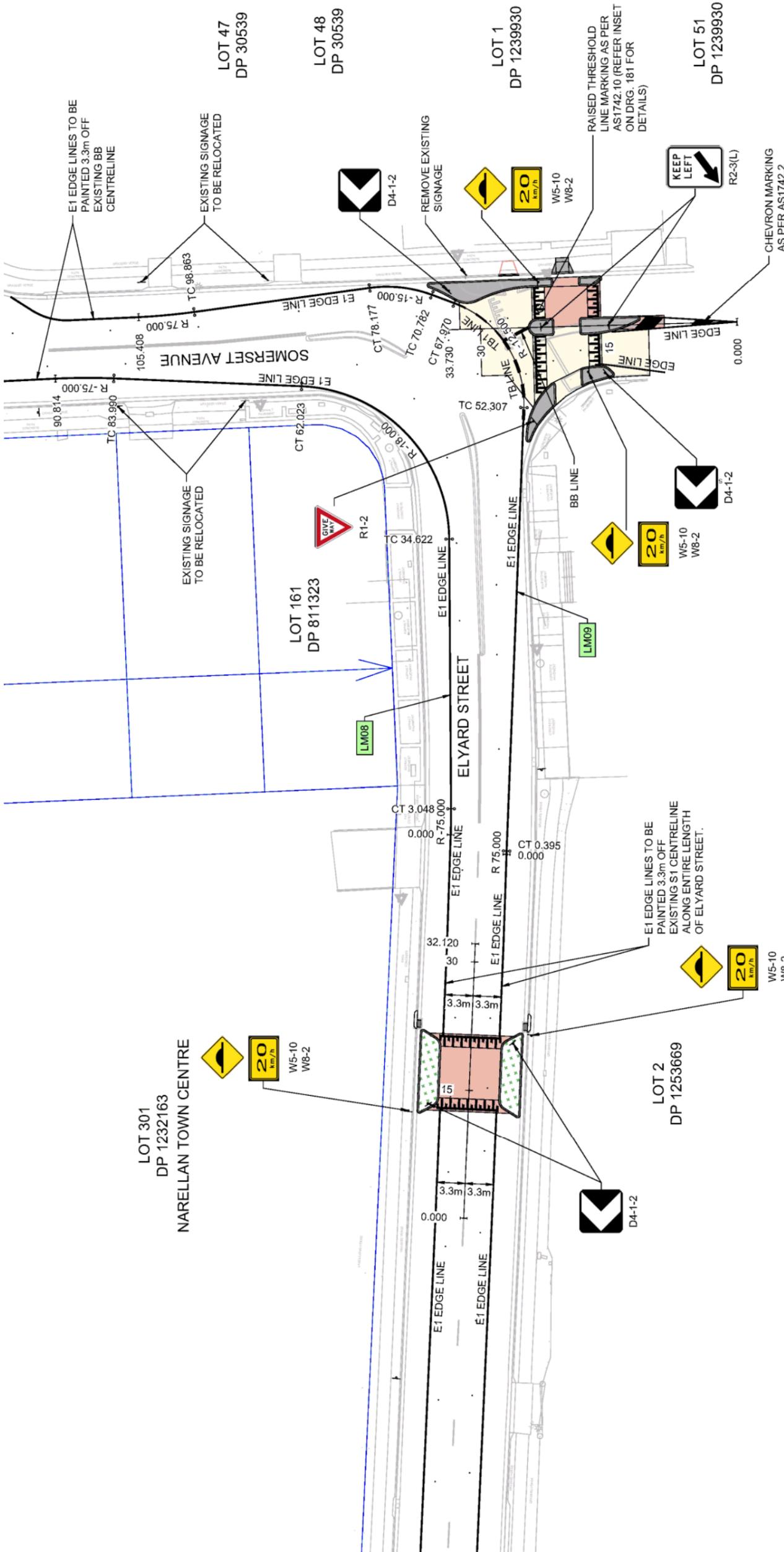
| | |
|----------------------|---------------|
| PLAN No. | 1:250 |
| Scale: | @A1 |
| Horiz. Vert. X-Sect. | - - - |
| Plan No. | 210450-01-182 |
| File Ref. | LTC09 |



Attachment 2

LTC09

Attachment 2



D CONTROL LINEMARKING PLOT -> LM09 HORIZONTAL SEGMENTS

| PT | CHAINAGE | EASTING | NORTHING | HEIGHT | BEARING | DEP. SEG | DEP. RAD | DEP. LEN |
|----|----------|------------|-------------|--------|---------------|----------|----------|----------|
| S | 0.000 | 291320.939 | 6230853.669 | 0.000 | 64°50'16.52" | ARC | 75.000 | 0.395 |
| CT | 0.395 | 291321.297 | 6230853.838 | 0.000 | 64°50'16.52" | LINE | | 51.912 |
| TC | 52.307 | 291368.282 | 6230875.909 | 0.000 | 64°50'16.52" | ARC | -12.500 | 15.663 |
| CT | 67.970 | 291375.976 | 6230888.737 | 0.000 | 353°02'38.26" | LINE | | 2.812 |
| TC | 70.782 | 291375.035 | 6230891.528 | 0.000 | 353°02'38.26" | ARC | -15.000 | 7.395 |
| CT | 78.177 | 291372.402 | 6230888.359 | 0.000 | 324°47'44.32" | LINE | | 20.685 |
| TC | 98.863 | 291360.877 | 6230915.281 | 0.000 | 324°47'44.32" | ARC | 75.000 | 6.545 |
| E | 105.408 | 291356.942 | 6230920.767 | 0.000 | 329°47'44.32" | ARC | | |

D CONTROL LINEMARKING PLOT -> LM08 HORIZONTAL SEGMENTS

| PT | CHAINAGE | EASTING | NORTHING | HEIGHT | BEARING | DEP. SEG | DEP. RAD | DEP. LEN |
|----|----------|------------|-------------|--------|---------------|----------|----------|----------|
| S | 0.000 | 291319.960 | 6230860.509 | 0.000 | 62°13'14.23" | ARC | -75.000 | 3.048 |
| CT | 3.048 | 291322.865 | 6230861.574 | 0.000 | 62°13'14.23" | LINE | | 31.574 |
| TC | 34.622 | 291350.620 | 6230876.590 | 0.000 | 62°13'14.23" | ARC | -18.000 | 27.401 |
| CT | 62.023 | 291358.544 | 6230860.123 | 0.000 | 334°59'59.80" | LINE | | 21.966 |
| TC | 83.990 | 291349.261 | 6230820.031 | 0.000 | 334°59'59.80" | ARC | -75.000 | 6.824 |
| E | 90.814 | 291346.069 | 6230828.078 | 0.000 | 329°47'11.28" | ARC | | |

PLAN SCALE 1:250



| | | | | |
|--------------------------------------|--------------|--|--|---|
| | | Client: HUNTER P. 02 4966 5386 SYDNEY P. 02 9559 0005 CENTRAL COAST P. 02 9326 5265 S.E. QLD P. 07 5582 6556 www.brs.com.au | High Pedestrian Activity Area, Narellan Civil Engineering Plans | Plan No. 210450-01-183 File Ref. 210450 |
| REV AMENDMENT 1 100% DESIGN ISSUE | ISSUED JT | DATE 22/12/2021 | Designed: JT Drawn: JT Checked: SB | Scales: Plan 1:250 @A1 Horiz. X-Sect. Vert. |

LTC10

SUBJECT: MACARTHUR ROAD, ELDERSLIE - ZIG ZAG LINE-MARKINGS AT ZEBRA CROSSING

FROM: Acting Director Community Assets

EDMS #: 22/159888

LTC10

PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the installation of zig-zag line-marking on the approaches to the zebra crossing on Macarthur Road, Elderslie.

BACKGROUND

Concerns have been raised regarding motorists not having clear sightlines to identify the location of the zebra crossing outside Mawarra Public School in Elderslie.

MAIN REPORT

Macarthur Road is a collector road, 11.6 metres wide. The existing zebra crossing is situated outside of Mawarra Public School and an adjacent childcare centre (**Attachment 1**).

The crossing is situated north of an S-bend which impedes visibility. On the southbound approach, a slight crest in the road also impacts on visibility of the crossing. Zig-zag lines are therefore proposed to advise motorists of a pedestrian crossing ahead. Details are provided in **Attachment 2**.

FINANCIAL AND ASSET MANAGEMENT IMPLICATIONS

It is proposed that the cost of installation be funded from the TfNSW Block Grant (Traffic Facilities Component) for the 2022/23 financial year at an approximate cost of \$1,500.

CONCLUSION

Concerns have been raised regarding the visibility of the existing zebra crossing on Macarthur Road and it is recommended that the Committee supports the zig-zag line marking to address visibility issues.

RECOMMENDED

That the Local Traffic Committee recommends that Council approves in Macarthur Road, Elderslie, zig-zag line-markings on the approaches to the zebra crossing as detailed in Drawing No. 2022-009.

LTC10

ATTACHMENTS

1. Attachment 1 - Macarthur Road Overview Plan
2. Attachment 2 - Macarthur Road Line-marking Plan



LTC10

Attachment 1



Camden Council
 76 Central Ave
 ORAN PARK NSW 2576
 Telephone: 02 4654 7777
 Email: ma@camden.nsw.gov.au



Subject Site

Macarthur Road - Overview Plan



Map Scale: 1:1500
 Projection: GDA84 / MGA zone 56
 Date: 7/04/2022 6:39 PM

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| LINE MARKING SCHEDULE | | | |
|-----------------------|-------------|--------|----------|
| LINE MARKING | DIMENSION | COLOUR | QUANTITY |
| ZIG ZAG LINE | 150mm THICK | WHITE | 70m |



LINE MARKING PLAN
SCALE 1:500 @ A1

LINE MARKING NOTES:

- L1 ALL LINEMARKING WORKS TO BE IN ACCORDANCE WITH EITHER THE CURRENT AUSTRALIAN STANDARDS AS1742.2 OR RMS DELINEATION GUIDELINES SECTION 7.
- L2 USE THERMOPLASTIC PAINT, PAVEMENT MARKING AND SIGNPOSTING TO BE IN ACCORDANCE WITH THE AS 1742.2-2009.
- L3 LINEMARKING NEEDS TO BE APPROVED BY TRAFFIC SECTION AFTER THE CONSULTATION AND TRAFFIC COMMITTEE APPROVAL.



| SERVICES LEGEND | PI | 05.04-22 | ISSUED FOR INFORMATION | MI |
|-----------------|----|----------|------------------------|----|
| TELECOM | | | | |
| GAS | | | | |
| SEWER | | | | |
| WATER | | | | |
| ELEC CABLES | | | | |
| POWER POLES | | | | |

NOTES:



Team Leader Civil Design & Survey
DATE: 5 April 2022
APPROVED

| RECOMMENDED | SUPERVISED | FIELD BOOK | LEVEL BOOK |
|--|--|--|--|
| DATE: APR 2022 DRAWN: P.C. DATE: APR 2022 DESIGNED: P.C. DATE: APR 2022 CHECKED: M.I. DATE: APR 2022 DESIGN SPEED: 40km/h | DATE: APR 2022 DRAWN: P.C. DATE: APR 2022 DESIGNED: P.C. DATE: APR 2022 CHECKED: M.I. DATE: APR 2022 DESIGN SPEED: 40km/h | DATE: APR 2022 DRAWN: P.C. DATE: APR 2022 DESIGNED: P.C. DATE: APR 2022 CHECKED: M.I. DATE: APR 2022 DESIGN SPEED: 40km/h | DATE: APR 2022 DRAWN: P.C. DATE: APR 2022 DESIGNED: P.C. DATE: APR 2022 CHECKED: M.I. DATE: APR 2022 DESIGN SPEED: 40km/h |

CAMDEN COUNCIL
MACARTHUR ROAD ELDERSLIE
LINE MARKING WORKS
THIS MARKING IS A STUDY

FOR CONSULTATION

| SCALES | AS SHOWN |
|--------------|----------|
| DATUM | A.H.D |
| SHEET No | 1 |
| No of SHEETS | 2 |

Attachment 2

LTC10

| LINE MARKING SCHEDULE | | | |
|-----------------------|-------------|--------|----------|
| LINE MARKING | DIMENSION | COLOUR | QUANTITY |
| ZIG ZAG LINE | 150mm THICK | WHITE | 70m |



LINE MARKING PLAN
SCALE 1:500 @ A1



FOR CONSULTATION

| SERVICES LEGEND | | AMEND | DATE | DESCRIPTION | APPROV |
|-----------------|-----|-------|----------|------------------------|--------|
| TELECOM | --- | | | | |
| GAS | --- | | | | |
| SEWER | --- | | | | |
| WATER | --- | | | | |
| ELEC CABLES | --- | | | | |
| POWER POLES | --- | | | | |
| FILE No. SC7322 | | P1 | 05.04.22 | ISSUED FOR INFORMATION | MI |

| RECOMMENDED | SURVEYED | FIELD BOOK | LEVEL BOOK |
|--|--|---|---|
| Texas Leader Civil Design & Survey DATE: 5 April 2022 APPROVED: _____ Manager: Assets & Design Services (Name) | DATE: _____ DRAWN: _____ P.C. DATE: APR 2022 CONSTRUCTED: _____ (Name) | DATE: _____ DESIGNED: _____ P.C. DATE: APR 2022 W.A.E. _____ (Name) | CHECKED: _____ M.I. DATE: APR 2022 DESIGN SPEED: _____ 60KM/HR (Name) |

| SCALES | AS SHOWN |
|--------------|----------|
| DATUM | A.H.D. |
| SHEET No | 2 |
| No of SHEETS | 2 |
| PLAN No | 2022-009 |

| CAMDEN COUNCIL | |
|--------------------------|--|
| MACARTHUR ROAD ELDERSLIE | |
| LINE MARKING WORKS | |
| LINE MARKING PLAN SHEET | |



NOTES:

LTC11

SUBJECT: WALER CRESCENT, SMEATON GRANGE - PARKING RESTRICTIONS
FROM: Acting Director Community Assets
EDMS #: 22/159908

LTC11

PURPOSE OF REPORT

To seek Local Traffic Committee concurrence for the installation of parking restrictions along Waler Crescent, Smeaton Grange.

BACKGROUND

Concern has been raised regarding sightline concerns when trucks are parked along a section of Waler Crescent, east of the sharp bend.

MAIN REPORT

Waler Crescent is a local road which measures 12.8 metres in width. The road is in an industrial area and contains sharp bends (**Attachment 1**). Motorists leaving the site on the north-western section have reported poor visibility of vehicles approaching from the bend when large vehicles are parked kerbside. The sites provide martial arts and gymnasium classes to children. It is therefore proposed to restrict parking along the approach to the driveway with the implementation of "No Parking Motor vehicles under 4.5t GVM Excepted" (R5-41-3) signage (**Attachment 2**).

Consultation was undertaken with adjacent owners and occupants regarding the proposed restrictions. Three responses were received. One response supported the proposal. The second response requested the restrictions be extended to the west to accommodate the adjacent site. As such plans were amended and the request incorporated. The third response requested the treatment be implemented along another section of Waler Crescent as the proposal would shift the parking issue along the road. It is recommended that the road is monitored post-installation to determine if the heavy vehicles would relocate to the requested location.

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 \$1200.

CONCLUSION

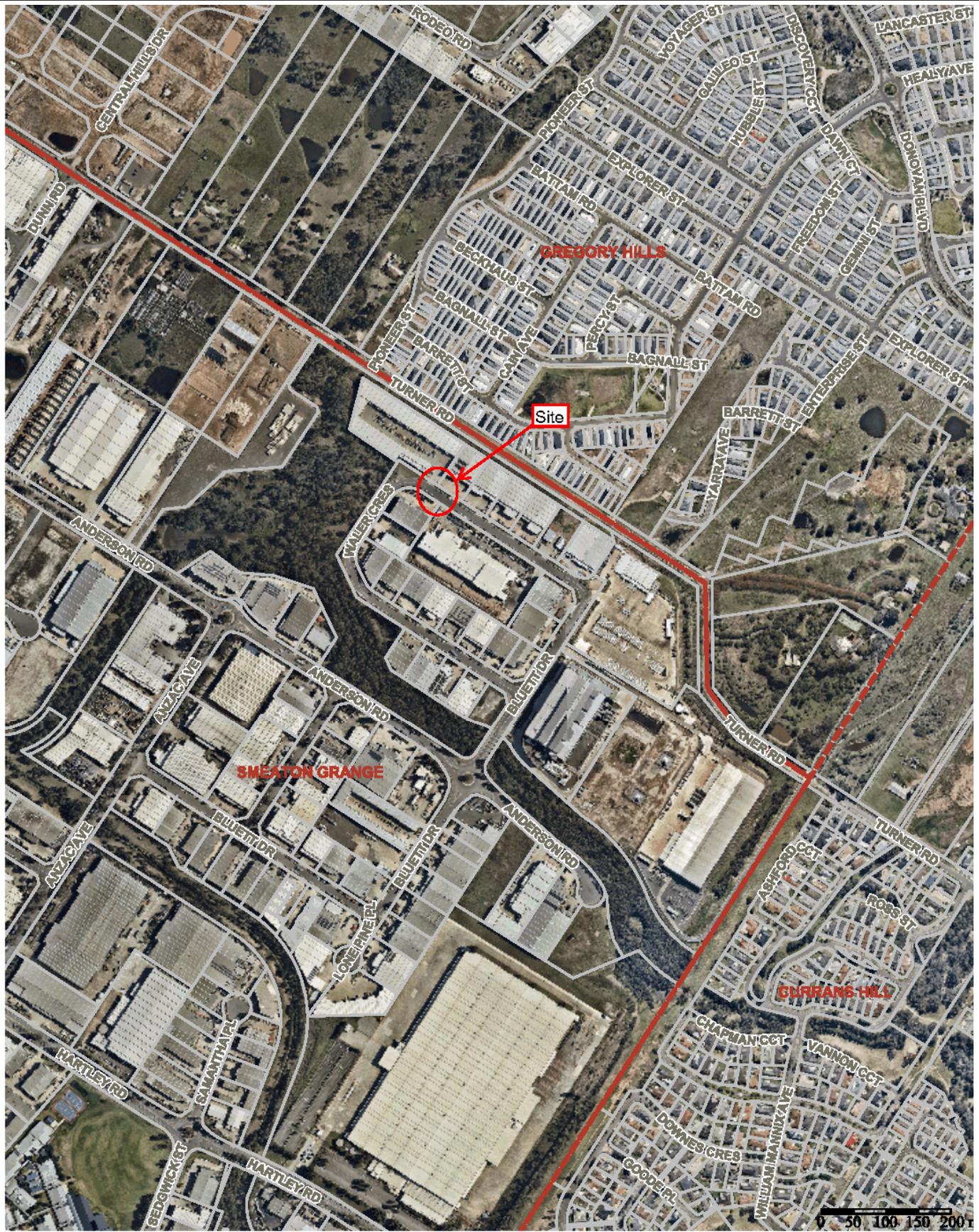
Following concerns raised by motorists regarding sightlines being obstructed by large vehicles, it is proposed to install No Parking Motor vehicles under 4.5t GVM Excepted (R5-41-3) restrictions along the north-western section of Waler Crescent.

RECOMMENDED

The Local Traffic Committee recommends that Council approves in Waler Crescent, Smeaton Grange, No Parking Motor Vehicles Under 4.5t GVM Excepted restrictions for 70 Metres on the north-western section.

ATTACHMENTS

1. Attachment 1
2. Attachment 2



Camden Council
 70 Central Ave
 ORAN PARK NSW 2570
 Telephone: 02 4854 7777
 Email: mail@camden.nsw.gov.au



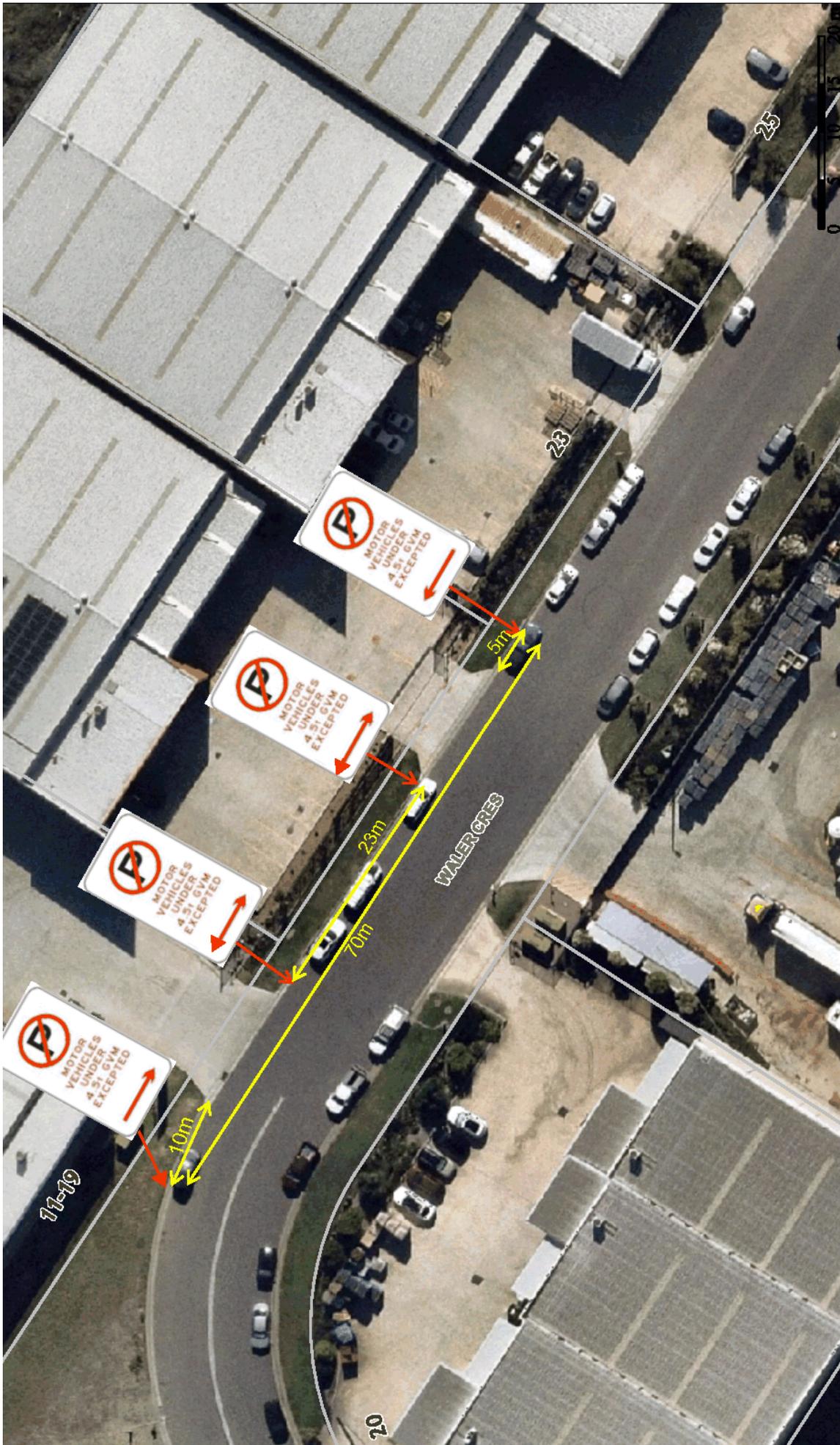
Subject Site

Waler Crescent, Smeaton Grange



Map Scale: 1:7347
 Projection: GDA94 / MGA zone 56
 Date: 11/04/2022 10:42 AM

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Subject Site

Water Cres, Smeaton Grange
38018/2021

Map Scale: 1:564
Projection: GDA94 / MCA zone 56



LTC12

LTC12

SUBJECT: INFORMAL ITEMS**FROM:** Acting Director Community Assets**EDMS #:** 22/160221(i) Cycling Projects

The TfNSW Active Transport Program is not running for 2021/22. Submissions have been made for the 2022/23 program for the following projects:

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

(ii) Walking Projects

Funding applications have been approved from the 2020/21 TfNSW 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 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 |
| Harrington Parkway, Harrington Park | Raise existing pedestrian crossing, upgrade lighting and 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 TfNSW Active Transport Program is not running for 2021/22. Submissions have been made for the 2022/23 program for the following projects:

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

(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 |
| Camden town centre | High Pedestrian Activity Area study |

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

(iv) Upcoming Major Works/Events

| Works / Event (Proponent) | Location | Status |
|---------------------------|------------|---------------|
| 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 | Ongoing |

RECOMMENDED

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

LTC12

SUBJECT: LOCAL BEHAVIOURAL PROGRAMS
FROM: Acting Director Community Assets
EDMS #: 22/160222

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.

MAIN REPORT

| Project | Target Issue | Current Status |
|---------------------|---|---|
| RBT Plan B Campaign | Drink Driving <i>To educate and inform the community about the dangers of drink driving, to influence responsible road safety behaviour, and to work with the Camden LAC to reduce the incidence of drink driving.</i> | The CRSO continues to work with Camden Highway Patrol and the Camden Liquor Accord on coordinated approaches to reducing the incidence of drink driving. Information continues to be distributed to licensed premises in order to get the drink drive message across to the community. |

| Project | Target Issue | Current Status |
|---------------------------------------|---|---|
| Drive 2 Stay Alive – Year 11 Students | Young drivers <i>In-school program designed to provide road safety awareness to Year 11 students in Term 3 to reduce the incidence of casualty and fatality crashes in young drivers. The sessions include information about police enforcement, drug and alcohol impairment, licensing and heavy vehicle awareness.</i> | <p>Programming has been prepared for 2022. Participating schools are as follows;</p> <ul style="list-style-type: none"> • Mount Annan Christian College – 23 August 2022 • Mount Annan High School – 21 September 2022; • Oran Park Anglican College – 22 September 2022; • Elizabeth Macarthur High School – 14 October 2022; and • Magdalene Catholic High School – 13 October 2021. <p>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.</p> |
| School Safety Program | Vulnerable road users, pedestrians, road users around schools <i>Program designed to address road safety issues around schools, improve safety and education amongst road users, parents and students in school zones.</i> | <p>The School Safety Program continues to work on identifying and improving traffic facilities and driver behaviour around schools. Other engineering and road safety issues have been investigated and actioned as they arise, and as appropriate.</p> <p>Due to Covid restrictions face to face attendance has not been able to occur recently, and the partnership with Camden Police Area Command Crime Management Unit was heavily relied on to assist but is not currently available.</p> <p>Council has now developed a partnership with Macarthur Highway Patrol to undertake face to face education with parents outside the school. Previously Highway Patrol has undertaken vehicle based patrols around schools. However they have now allocated an officer to assist with the SSP.</p> <p>A social media campaign will be undertaken by Council in the lead up to Term 2 to further educate road users around schools.</p> |

LTC13

LTC13

| Project | Target Issue | Current Status |
|---|---|---|
| Slow Down | Speed <i>Raise awareness and reduce the incidence of speeding on local roads. Work with Camden LAC to further reduce the incidence of speeding.</i> | 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 speed trailer is now needing to be replaced, and alternatives are currently being sought. |
| Choose Right Buckle Right | Child Restraints <i>To educate and increase awareness of the importance of correct child restraint use and fitting. To provide free child restraint fitting and checking days to the community.</i> | The March event was conducted via vouchers that were offered to residents in lieu of a face to face 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 June 2022. A special event for Children's and Families Week, funded by Community Planning and Development, is being held as a face to face event on 19 May 2022. |
| Graduated Licensing Scheme Workshops (GLS) | Parents and supervisors of learner drivers <i>Educational workshops for parents and supervisors of learner drivers, delivered to assist awareness and knowledge of the graduated licensing scheme.</i> | The GLS workshops are incorporated into the presentation given to supervisors of learner drivers at the Log Book Run events. The next presentation was due to be at the March event, however this had to be cancelled due to flooding. |
| Log Book Run (LBR) – Drives for Learners In Macarthur | Young drivers <i>Increase on-road experience obtained by learner drivers and disseminate road safety messages and resources</i> | The March event was cancelled due to flooding. The next event is scheduled to be held in June 2022. |
| Crime Prevention | General community safety related issues <i>Identify and introduce community safety and crime prevention programs and initiatives in the Camden LGA as appropriate.</i> | The CRSO continues to work on identifying and implementing community safety programs, audits and works as appropriate. The CRSO continues to work with the Camden Police Crime Prevention Officer to monitor and address community safety issues as they arise. |
| 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 conditions ease. |

| Project | Target Issue | Current Status |
|-------------------------------|--|---|
| Camden Liquor Accord | Drink Driving, community safety, alcohol related issues <i>Implementing programs and educating the community to reduce the incidence of alcohol related problems, drink driving and antisocial behaviour.</i> | The CRSO continues to work through the Camden Liquor Accord to implement and address community and road safety issues related to alcohol consumption. The Liquor Accord is working on a number of community education and alcohol harm minimisation programs, to reduce alcohol related issues in the Camden LGA. |
| Bike Safety Awareness Program | Bike safety <i>To promote safe cycling.</i> | 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 <i>Partnership with Camden Police and Barnes Driving School to promote and educate regarding best practice pedestrian and personal safety and licensing conditions for older drivers</i> | CRSO has been working collaboratively with Community Planning and Development to incorporate this program into the Café Connect program for Seniors. The first presentation will be held on Wednesday 25 May at the Camden Civic Centre and will be done in partnership with NSW Police. |
| Graffiti Education | Graffiti prevention, community safety, young people <i>To assist in the reduction of graffiti offences through early intervention education</i> | Council has committed to running this program in schools again in 2022. The program is being held online due to Covid restrictions. The program will be delivered at Mount Annan HS, Mount Annan Christian College and Elderslie High School in May 2022. |
| Traffic Offenders Program | Driving offenders, speed and drink driving offenders, general road safety improvement. <i>To reduce the incidents of recidivist driving offences and to educate driving offenders to reduce re-offending.</i> | All Traffic Offenders presentations are currently being held online due to Covid restrictions and being handled directly by program providers during this time. Future program attendance will be determined when Covid conditions ease. |

LTC13

LTC13

| Project | Target Issue | Current Status |
|---|--|---|
| Eyes on the Road – road safety social media | Social media partnership with NSW Police – Macarthur 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 Council's National Families Week budget.

RECOMMENDED

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

LTC14

SUBJECT: DIGITARIA DRIVE, GLEDSDOOD HILLS - SIGNAGE, LINE-MARKING AND DEVICES ASSOCIATED WITH SUBDIVISION OF NO.4

FROM: Acting Director Community Assets

EDMS #: 22/160223

LTC14

ELECTRONIC MEETING ITEM DATE: 18 February 2022

PURPOSE OF REPORT

To document concurrence previously provided by the Local Traffic Committee through an Electronic Meeting for Digitaria Drive, Gledswood Hills - Signage, Line-marking and Devices Associated with Subdivision of No.4.

MAIN REPORT

A signage and line-marking plan has been received by Council for the construction of a new Childcare Centre at 4 Digitaria Drive, Gledswood Hills. The Location is highlighted on **Attachment 1**. This relates to the Development Application number: DA/2017/45/1.

The Engineering Drawing No. 200061-CC-C07.01, Rev.H prepared by Enspire 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 |
|-------------------------------------|---|
| 2022/16 | <p>The Local Traffic Committee recommends that Council, approves regulatory signage and line-marking associated with the development of a new Childcare Centre at 4 Digitaria Drive, Gledswood Hills as shown on the Engineering Drawing No. 200061-CC-C07.01, Rev.H subject to:</p> <ul style="list-style-type: none"> i. All signage being sign size A; ii. The installation being completed by the applicant at their cost; and 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. |

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 Digitaria Drive, Gledswood Hills - Signage, Line-marking and Devices Associated with Subdivision of No.4.

ATTACHMENTS

1. Attachment 1 - 4 Digitaria Drive, Gledswood Hills
2. Attachment 2 - 4 Digitaria Drive, Gledswood Hills



LTC14

Attachment 1



Camden Council
 70 Central Ave
 ORAN PARK NSW 2570
 Telephone: 02 4854 7777
 Email: mail@camden.nsw.gov.au

 **Subject Site**

Map Scale: 1:3712
 Projection: GDA94 / MGA zone 56
 Date: 17/02/2022 10:41 AM



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LTC15

SUBJECT: THE NORTHERN ROAD (OLIVE HILL DRIVE), COBBITTY - SIGNAGE, LINE-MARKING AND DEVICES ASSOCIATED WITH OXLEY RIDGE STAGES 7 TO 9

FROM: Acting Director Community Assets

EDMS #: 22/160224

LTC15

ELECTRONIC MEETING DATE: 18 March 2022

PURPOSE OF REPORT

To document concurrence previously provided by the Local Traffic Committee through an Electronic Meeting for The Northern Road (Olive Hill Drive), Cobbitty - Signage, Line-marking and Devices Associated with Oxley Ridge Stages 7 to 9.

MAIN REPORT

A signage and line-marking plan has been received by Council for the construction of new roads associated with the development at 421C The Northern Road, Cobbitty – Oxley Ridge Stages 7 to 9. The Location is highlighted on **Attachment 1**. This relates to the Development Application number: DA/2020/15/1.

The Engineering Drawing No. 210016-S7-9-CC-C11.01, Rev.5 prepared by Enspire 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 |
|-------------------------------------|--|
| 2022/17 | <p>The Local Traffic Committee recommends that Council, approves regulatory signage and line-marking associated with the development of 421C The Northern Road, Cobbitty – Oxley Ridge Stages 7 to 9 as shown on the Engineering Drawing No. 210016-S7-9-CC-C11.01, Rev.5 subject to:</p> <ul style="list-style-type: none"> i. All signage being sign size A; ii. The installation being completed by the applicant at their cost; and 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. |

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 Northern Road (Olive Hill Drive), Cobbitty - Signage, Line-marking and Devices Associated with Subdivision of Oxley Ridge Stages 7 to 9.

ATTACHMENTS

1. Attachment 1 - Olive Hill Dr
2. Attachment 2 - Olive Hill Dr



Camden Council
 70 Central Ave
 ORAN PARK NSW 2570
 Telephone: 02 4854 7777
 Email: mail@camden.nsw.gov.au

 **Subject Site**



Map Scale: 1:4514
 Projection: GDA94 / MGA zone 56
 Date: 18/03/2022 10:48 AM

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LEGEND

- PAVEMENT TYPE 1 (LOCAL ROAD)
- PAVEMENT TYPE 2 (COLLECTOR ROAD)
- PAVEMENT TYPE 3 (FOOTPATH)
- DRIVEWAY REFER TO CAMDEN COUNCIL DRAWING D10/10102 FOR SPECIFICATION
- STREET SIGNAGE REFER TO CAMDEN COUNCIL DRAWING S02/7 FOR SPECIFICATION

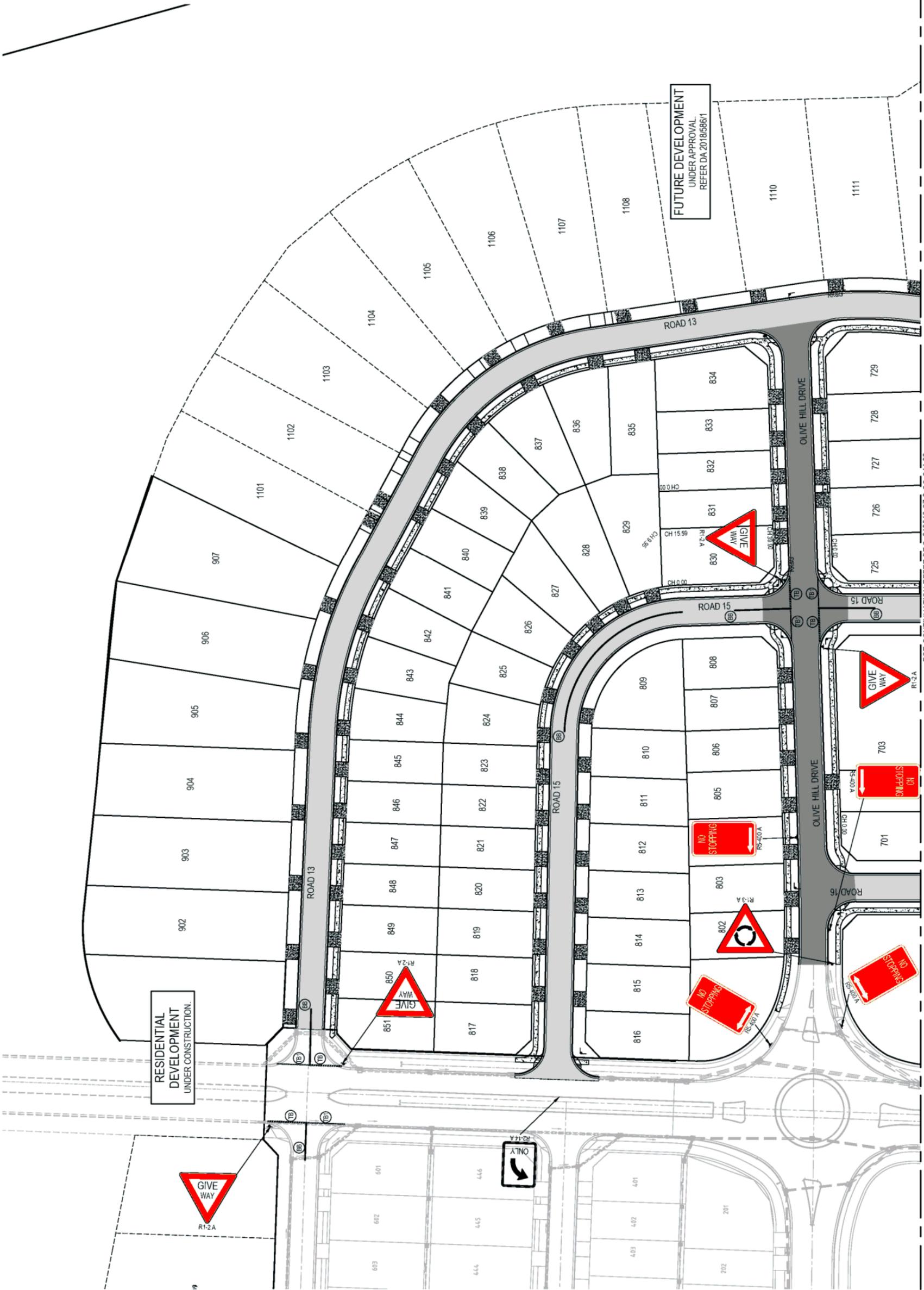
NOTE:

- REFER DRG C14/01 FOR PAVEMENT DETAILS
- REGULATORY SIGNAGE AND LINEMARKING SUBJECT TO LOCAL TRAFFIC COMMITTEE APPROVAL PRIOR TO INSTALLATION

PAVEMENT MARKING LEGEND

BARRIER LINES

GIVEWAY LINES



FOR CONSTRUCTION

Project: OXLEY RIDGE NORTHERN PRECINCT
 STAGE 7.9
 CIVIL ENGINEERING WORKS

Client: **BUIL**

Scale: 1:500
 Date: 12/05/2021

Project Number: 210016-S7-9-CC-C11.01
 Revision: 5

Title: PAVEMENT, SIGNAGE AND LINEMARKING PLAN
 SHEET 01

Scale: 0 10 20 30 40 50m
 SCALE 1:500 @A1

FOR CONTINUATION REFER DRG: 210016-S7-9-CC-C11.02

| Rev | Date | By | Check | Description |
|-----|------------|-----|-------|-------------------------------------|
| 1 | 12/05/2021 | MTL | MTL | ISSUED FOR CONSTRUCTION CERTIFICATE |
| 2 | 10/06/2021 | MTL | MTL | ISSUED FOR CONSTRUCTION CERTIFICATE |
| 3 | 13/08/2021 | MTL | MTL | ISSUED FOR CONSTRUCTION CERTIFICATE |
| 4 | 20/07/2021 | MTL | MTL | ISSUED FOR CONSTRUCTION CERTIFICATE |
| 5 | 18/02/2021 | MTL | MTL | ISSUED FOR CONSTRUCTION CERTIFICATE |

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Attachment 2

LTC15

LTC16

SUBJECT: EMERALD HILLS BOULEVARD, EMERALD HILLS - SIGNAGE, LINE-MARKING AND DEVICES - ASSOCIATED WITH SUBDIVISION OF NO.35

FROM: Acting Director Community Assets

EDMS #: 22/160225

LTC16

ELECTRONIC MEETING DATE: 23 March 2022

PURPOSE OF REPORT

To document concurrence previously provided by the Local Traffic Committee through an Electronic Meeting for Emerald Hills Boulevard, Emerald Hills – Signage, Line-marking and Devices – Associated with Subdivision of No.35.

MAIN REPORT

A signage and line-marking plan has been received by Council for the construction of new roads associated with the development of 35 Emerald Hills Boulevard, Emerald Hills. The Location is highlighted on **Attachment 1**. This relates to the Development Application number: DA/2020/1023/1.

The Engineering Drawing No. NA50613004-040-CI-CC-040, Rev.6 prepared by Cardno 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 subject to a change being made as shown on the markup plan.

| Electronic Meeting Reference | Agreed recommendation of the Local Traffic Committee |
|-------------------------------------|---|
| 2022/18 | <p>The Local Traffic Committee recommends that Council, approves regulatory signage and line-marking associated with the development of 35 Emerald Hills Boulevard, Emerald Hills as shown on the Engineering Drawing No. NA50613004-040-CI-CC-040, Rev.6 subject to:</p> <ul style="list-style-type: none"> i. A change being made as shown on the markup plan; ii. All signage being sign size A; iii. The installation being completed by the applicant at their cost; and 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. |

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, Emerald Hills – Signage, Line-marking and Devices – Associated with Subdivision of No.35.

ATTACHMENTS

1. Attachment 1 - 35 Emerald Hills Boulevard LEPPINGTON
2. Attachment 2 - 35 Emerald Hills Boulevard LEPPINGTON (002)



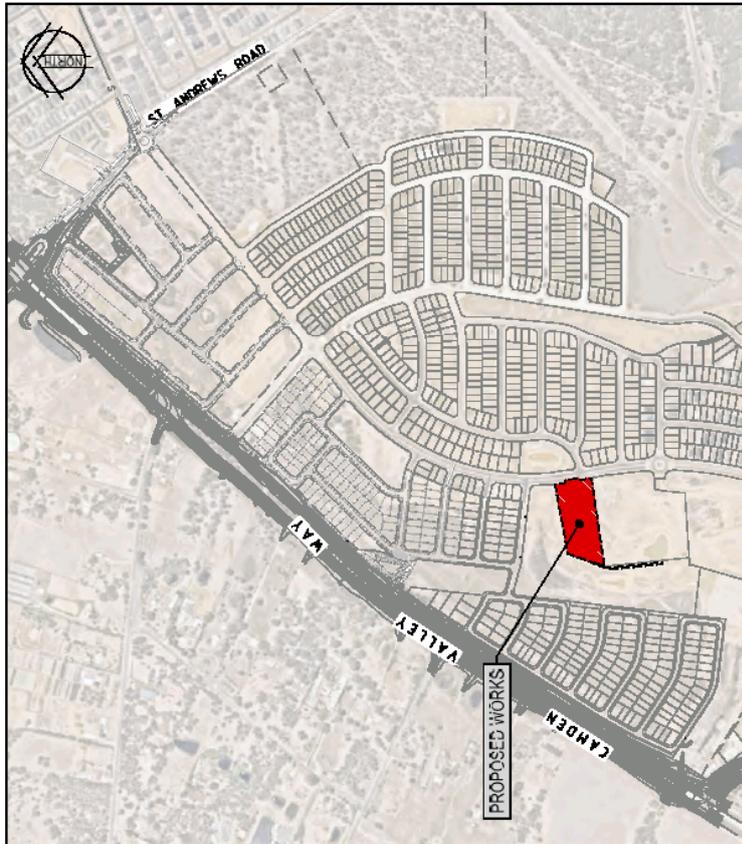
Cardno (NSW/ACT) Pty Ltd | ABN 95 001 145 035
 Level 9, The Forum, 203 Pacific Highway
 St Leonards, NSW 2065
 Tel: 02 9496 7700 Fax: 02 9439 5170
 Web: www.cardno.com.au



MACARTHUR DEVELOPMENTS

EMERALD HILLS ESTATE LOT 2145 RESIDENTIAL SUBDIVISION CONSTRUCTION CERTIFICATE TITLE SHEET

CAMDEN COUNCIL
 Approved by the Council of Camden under the provisions
 of the Environmental Planning and Assessment Act 1979
 APPROVAL
 21/03/2022
 SUBSCRIPTION WORKS CERTIFICATE
 CALCULATED EASE 18.0000 1000.00



| SCHEDULE OF DRAWINGS | |
|----------------------|--|
| DRAWING No. | DESCRIPTION |
| MACARMA-MS-DC-CA-01 | TITLE SHEET AND TRANSMITTAL |
| MACARMA-MS-DC-CA-02 | NOTES AND LEGENDS |
| MACARMA-MS-DC-CA-03 | GENERAL ARRANGEMENT PLAN |
| MACARMA-MS-DC-CA-04 | DET AND FILL PLAN |
| MACARMA-MS-DC-CA-05 | SEWERAGE EXISTING CENTRAL PLAN SHEET 1 |
| MACARMA-MS-DC-CA-06 | SEWERAGE EXISTING CENTRAL PLAN SHEET 2 |
| MACARMA-MS-DC-CA-07 | STORMWATER EXISTING CENTRAL PLAN SHEET 1 |
| MACARMA-MS-DC-CA-08 | STORMWATER EXISTING CENTRAL PLAN SHEET 2 |
| MACARMA-MS-DC-CA-09 | ROAD INTERSECTION PLANS AND PROFILES |
| MACARMA-MS-DC-CA-10 | ROAD LAYOUT AND TYPICAL SECTION |
| MACARMA-MS-DC-CA-11 | RETAINING WALL ELEVATIONS |
| MACARMA-MS-DC-CA-12 | ROAD CROSS SECTIONS |
| MACARMA-MS-DC-CA-13 | STORMWATER LAYOUT AND TYPICAL SECTION |
| MACARMA-MS-DC-CA-14 | STORMWATER EXISTING CENTRAL PLAN SHEET 1 |
| MACARMA-MS-DC-CA-15 | STORMWATER EXISTING CENTRAL PLAN SHEET 2 |
| MACARMA-MS-DC-CA-16 | STORMWATER CALCULATIONS TABLE |
| MACARMA-MS-DC-CA-17 | TURFING PLAN |

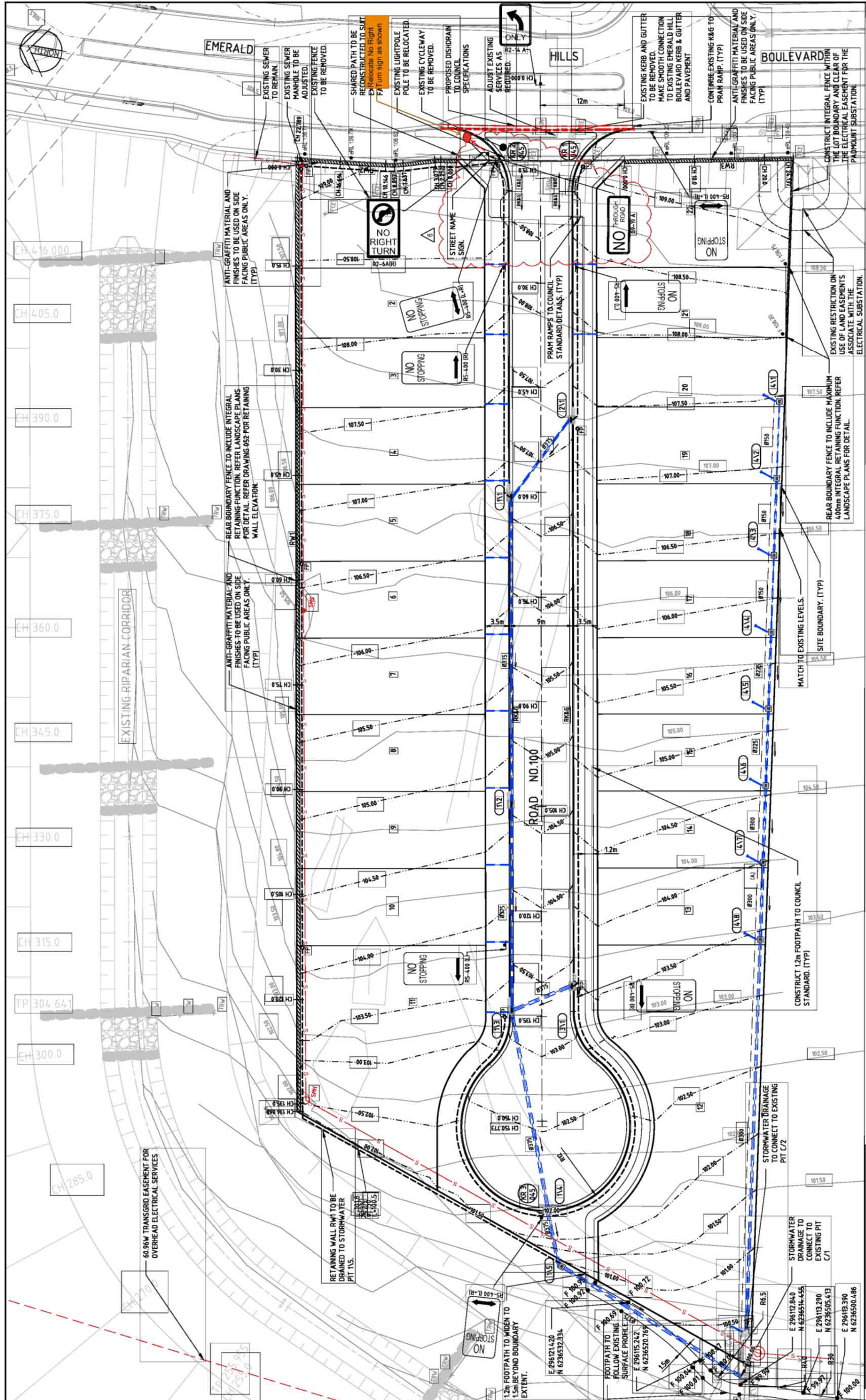
| DATE | BY | FOR |
|------------|---------------------|--------------|
| 15/03/2022 | MACARMA-MS-DC-CA-01 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-02 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-03 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-04 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-05 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-06 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-07 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-08 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-09 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-10 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-11 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-12 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-13 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-14 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-15 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-16 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-17 | FOR APPROVAL |



Attachment 1

| DATE | BY | FOR |
|------------|---------------------|--------------|
| 15/03/2022 | MACARMA-MS-DC-CA-01 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-02 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-03 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-04 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-05 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-06 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-07 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-08 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-09 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-10 | FOR APPROVAL |
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| 15/03/2022 | MACARMA-MS-DC-CA-13 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-14 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-15 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-16 | FOR APPROVAL |
| 15/03/2022 | MACARMA-MS-DC-CA-17 | FOR APPROVAL |

LTC16



FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Client: MACARTHUR DEVELOPMENTS
Project: EMERALD HILLS ESTATE
Date: JUN'21

Subs: LOT 2145 RESIDENTIAL SUBDIVISION
Date: JUN'21

Scale: 1:250
Sheet: A1

Revision: 1
Drawing Number: MAR02-13004-04-01-CC-041
Reason: FOR APPROVAL

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Cardno
Shaping the Future
Cardno (NSW) Pty Ltd | ABN 95 001 145 035
Level 9, The Forum, 233 Pacific Highway
St. Leonards, NSW 2055
Tel: 02 9458 7700 Fax: 02 9439 5170

Macarthur Developments

Scale: 1:250
0 5 10 15 20 25m

| | | | | | |
|---|------------|-----------------------------------|----|----|----|
| 6 | 21.03.2022 | RE-ISSUE FOR LTC APPROVAL | JG | PL | PL |
| 5 | 19.01.2022 | RE-ISSUE FOR SVC | JG | PL | PL |
| 4 | 13.10.2021 | AMENDMENTS TO COUNCIL COMMENTS | JG | PL | PL |
| 3 | 26.08.2021 | AMENDMENTS TO COUNCIL COMMENTS | JG | PL | PL |
| 2 | 19.07.2021 | ISSUED FOR APPROVAL | JG | PL | PL |
| 1 | 28.05.2021 | ISSUE FOR DEVELOPMENT APPLICATION | JG | PL | PL |

REFER DRG NA50613004-04-01-CC-041 FOR CONTINUATION

Attachment 2

LTC17**SUBJECT: MITCHELL STREET & CAWDOR ROAD CLOSURE - ANZAC DAY 2022
- SPECIAL EVENT TRANSPORT MANAGEMENT PLAN****FROM:** Acting Director Community Assets**EDMS #:** 22/160226**LTC17****ELECTRONIC MEETING DATE: 8 April 2022****PURPOSE OF REPORT**

To document concurrence previously provided by the Local Traffic Committee through an Electronic Meeting for Mitchell Street & Cawdor Road Closure - Anzac Day 2022 - Special Event Transport Management Plan.

MAIN REPORT

The Camden RSL Sub-Branch will be conducting services to commemorate the 107th Anniversary of the Landing at Gallipoli on Saturday 25 April 2022. Camden Council works with the Sub-Branch to ensure appropriate measures are implemented to ensure a safe day and that traffic impacts are minimised on businesses, residents and visitors to Camden. In particular, Camden Council has prepared a COVID-19 Safety Plan and will implement measures to ensure the event complies with the NSW Government's guidelines for COVID safe events.

The following activity will take place on the event day:

- A Dawn Service will be conducted in the Camden Bicentennial Equestrian Park Memorial Site, Cawdor Road, Camden, commencing at 5.15am sharp.
- An ANZAC Day March commencing at 10.30am will move from Elizabeth Street, down Argyle Street and Cawdor Road to the Camden Bicentennial Equestrian Park.
- The ANZAC Day Community Service, commencing at 11.15 am.

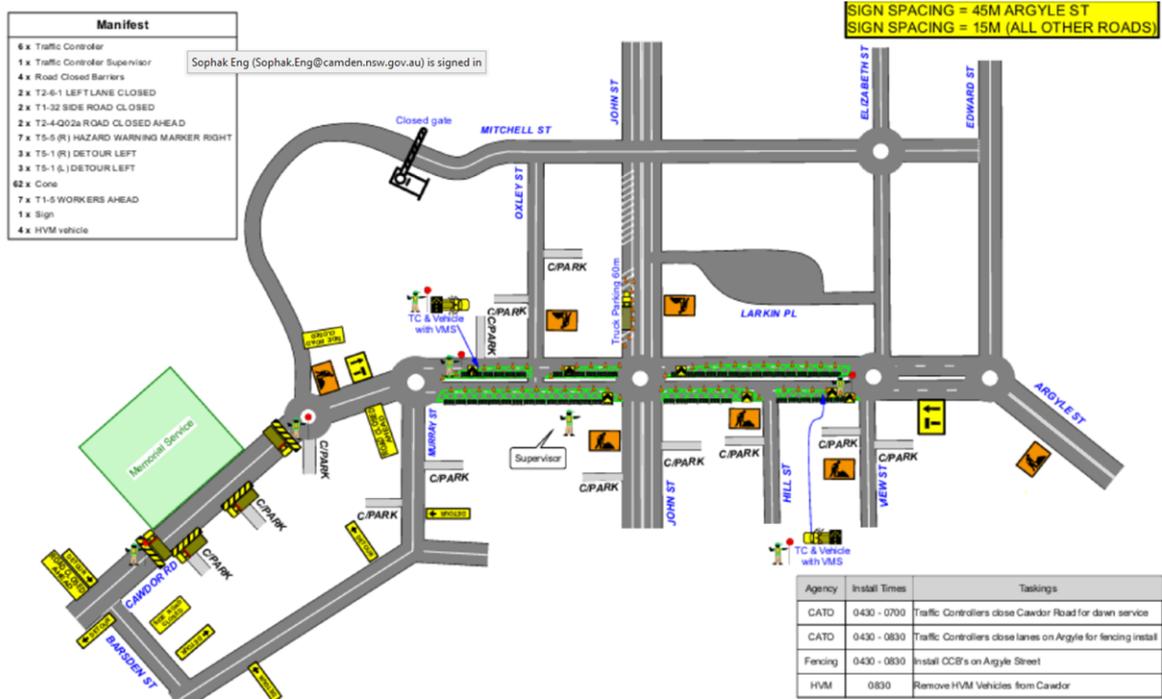
Camden's ANZAC Day commemorations involve partial and full closures of the main road in the Camden CBD (Argyle Street and its extension, Cawdor Road) as well as Elizabeth Street (between Argyle Street and Mitchell Street) and sections of surrounding streets to safely facilitate the community activities taking place on the roads. Approximately 60m of parking on John Street (between Argyle Street and Larkin Place) will also be closed for equipment and vehicle storage during bump-in, the events and bump-out. The closures commence at 4.30am and change progressively through the day to finally reopen at 2.00pm.

While access is maintained for emergency and other vehicles servicing the event, all other traffic must detour around the full closure. Temporary bus stops will be implemented to divert buses around the road closures so that services can mostly be maintained.

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Road Closure

- **Dawn Service – 4.30am**
 - The closure of Cawdor Road between Barsden Street and Mitchell Street
 - The closure of Argyle Street between Murray Street and Elizabeth Street - inside lane closed east-bound and outside (kerbside) lane closed west-bound
 - Detour via Barsden and Broughton Streets



Stage 4 – 12pm

Argyle Street between Murray Street and Elizabeth Street - inside lane closed east-bound and outside (kerbside) lane closed west-bound

Stage 5 – 2pm

All lanes and roads re-opened to traffic

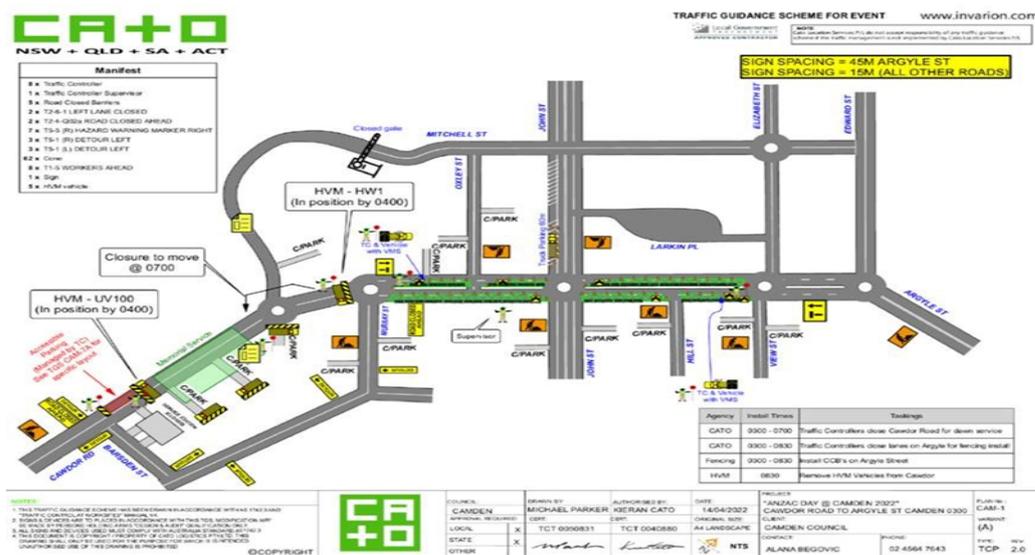
Public Transport

ANZAC Day will be held in Camden on Monday 25 April, a public holiday. Local buses will operate on a public holiday timetable and will therefore be minimal on the event day. Council has been liaising with the bus company regarding the road closure.

Attachment 1 provides detailed of Traffic Management Plan and Traffic Control Plan. The event has been determined as a Class 4 Event Category. Traffic Control Plans have been prepared to ensure appropriate traffic management measures are implemented as part of the road closures. It is recommended that the committee supports the proposed measures.

Due to the recent flood in Camden, a contingency plan has been investigated by Council for the Dawn Service. In the event that the ground in the Camden Bicentennial Equestrian Park Memorial Site is deemed unsuitable the day before the event, the following changes to the traffic management plan will be implemented.

- Cawdor Road between Barsden Street and Murray Street will be closed from 3.00am. Further, the inside lane for east-bound and outside lane for west-bound for Argyle Street between Murray Street and Elizabeth Street will also be closed.
- Cawdor Road between Mitchell Street and Murray Street will be re-open from 7.00am. All other closures on Cawdor Road and Argyle Street will remain in place.



Electronic Meeting **Agreed recommendation of the Local Traffic Committee**

| Reference | |
|-----------|--|
| 2022/19 | <p>The Local Traffic Committee recommends that Council gives concurrence for the closure of the following roads between 4.30am am and 2pm on Saturday 25 April 2022, as per the certified Traffic Control Plans and the associated Special Event Transport Management Plan, for the Anzac Day March subject to:</p> <ul style="list-style-type: none"> i. the event classified as Class 4, under the RMS Guide to Traffic and Transport Management for Special Events, Version 3.4; ii. traffic management arrangements shall be implemented in accordance with the approved Special Event Traffic Management Plans and associated certified Traffic Control Plans; iii. the event is controlled by NSW Police with support from accredited traffic controllers; iv. the organisers providing proof of a minimum \$20 million Public Liability Insurance Policy; v. the organisers shall obtain NSW Police concurrence to the Special Event approval; vi. the organisers shall maintain access for emergency vehicles along the sections of closed road at all times; vii. temporary signage associated with the Traffic Control Plan shall be installed and removed at the end of the event at no cost to Council; viii. the event being advertised in local newspapers or online and on on-street signage a minimum of seven days prior to the event; businesses along the closed road sections and local bus companies being advised of the traffic management arrangements in writing, by the organisers; and ix. access is facilitated for vehicles turning from Cawdor Road into the service station on the corner of Cawdor Road and Barsden Street. |

This recommendation was supported unanimously by the four voting members.

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

RECOMMENDED

That the Local Traffic Committee recommends: Mitchell Street & Cawdor Road Closure - Anzac Day 2022 - Special Event Transport Management Plan.

ATTACHMENTS

1. Attachment 1 Transport Management Plan v2.1 - Anzac Day 2022 - Camden Council

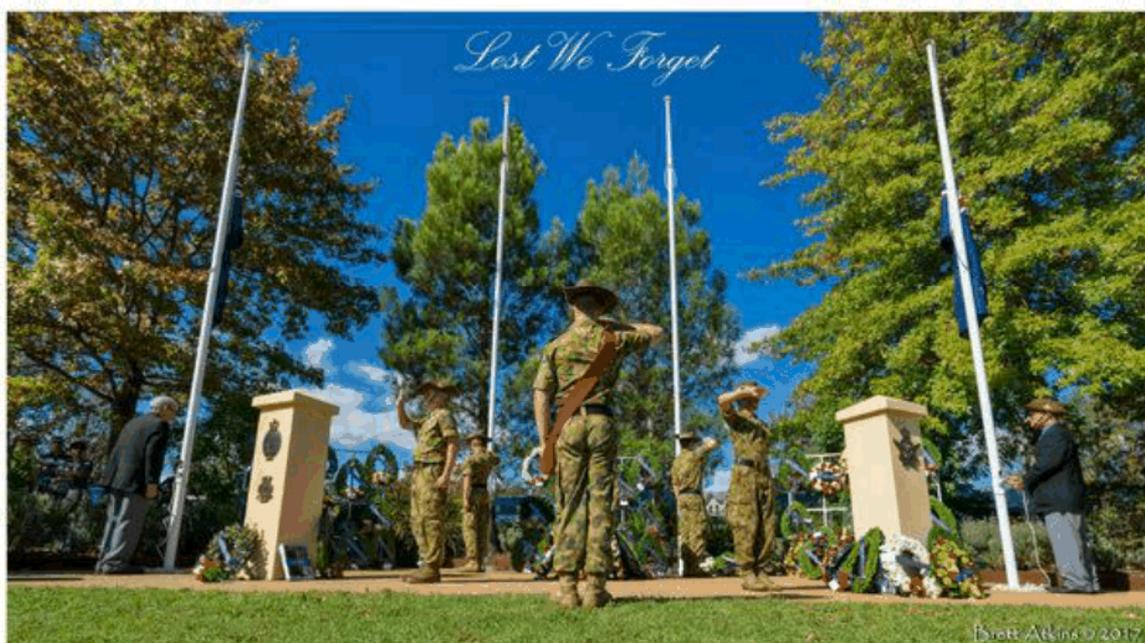
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Attachment 1



TRANSPORT MANAGEMENT PLAN

for



ANZAC DAY

Monday 25 April 2022

Camden CBD

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DOCUMENT CONTROL

This document is uncontrolled once printed – the final version with specifications and site diagrams will be locked for printing and restricted by password.

A copy of the final version will be supplied to the event organiser prior to the event.

| Version | Prepared by | Date | Comments | Reviewed by |
|---------|-------------|---------------|--|-------------|
| 1.0 | Kieran Cato | 21 March 2022 | First draft | Mick Darda |
| 2.0 | Kieran Cato | 25 March 2022 | Amendments throughout including: <ul style="list-style-type: none"> - Updates to road closure times and event dates, times, locations and names. - Changes to parking information - Changes to bus access and associated information - New TGS and changes to existing TGS's | Mick Darda |
| 2.1 | Kieran Cato | 06 April 2022 | Minor updates throughout | Mick Darda |
| | | | | |



1. GENERAL EVENT INFORMATION

1.1. EVENT SUMMARY

The Camden RSL Sub-Branch will be conducting services to commemorate the 107th Anniversary of the Landing at Gallipoli on Saturday 25 April 2022. Camden Council works with the Sub-Branch to ensure appropriate measures are implemented to ensure a safe day and that traffic impacts are minimised on businesses, residents and visitors to Camden.

The following activities will take place on the event day:

- + A Dawn Service will be conducted in the Camden Bicentennial Equestrian Park Memorial Site, Cawdor Road, Camden, commencing at 5.15am sharp.
- + An ANZAC Day March commencing at 10.25am will move from Elizabeth Street, down Argyle Street and Cawdor Road to the Camden Bicentennial Equestrian Park
- + The ANZAC Day Community Service, commencing at 11.15 am.

It is expected that the Community Service will be completed and the road cleared by 12.00pm. In the event that recent wet weather and flooding makes the Camden Bicentennial Equestrian Park Memorial Site inaccessible or unsafe for public access, the services will be held on Cawdor Road adjacent to the Camden RSL Memorial Rose Garden. This will have no affect on traffic management planning.

1.2. TRAFFIC IMPACT SUMMARY

Camden's ANZAC Day commemorations involve partial and full closures of the main road in the Camden CBD (Argyle Street and its extension, Cawdor Road) as well as Elizabeth Street (between Argyle Street and Mitchell Street) and sections of surrounding streets to safely facilitate the community activities taking place on the roads. A section of parking at Onslow Oval will be closed to the public and exclusively used available only for people with limited mobility, and approximately 60m of parking on John Street (between Argyle Street and Larkin Place) will also be closed for equipment and vehicle storage during bump-in, the events and bump-out.



The closures commence at 4.30am and change progressively through the day to finally reopen at 2.00pm. Barricading of the parking area at Onslow Oval will commence at 5.00pm on Sunday 24 April.

While access is maintained for emergency and other vehicles servicing the event, all other traffic must detour around the full closure. Temporary bus stops will be implemented to divert buses around the road closures so that services can mostly be maintained. Over the closure period the impact is therefore on:

- + Local businesses in and around the closure area
- + Residents in and around the closure area
- + Buses, taxis and car-share providers
- + Casual road users coming to or passing through Camden

The event organisers (Camden Council) have engaged an authorised traffic management company, Cato Location Services, to provide traffic management support for the event.



1.3. EVENT DETAILS

| | |
|------------------------|---|
| Event Date: | Monday 25 April 2022 |
| Event Times: | Dawn Service 5.15am – 6.00am March 10.25am – 11.15am Community Service 11.15am – 12.00pm |
| Event Venue: | Camden Bicentennial Equestrian Park, Cawdor Road (Dawn Service) Mitchell Street, Elizabeth Street, Argyle Street and Cawdor Road (March) Camden Bicentennial Equestrian Park, Cawdor Road (Community Service) |
| Expected Attendance: | Approximately 5,000 people |
| Target Market: | All demographics |
| Bump-in Starts: | On Saturday 23 or Sunday 24 April 2022 |
| Traffic Closure Start: | 4.30am on Monday 25 April 2022 |
| Bump-out Finishes: | On Tuesday 26 April 2022 |
| Traffic Closure End: | 2.00pm on Monday 25 April 2022 |

1.4. KEY EVENT CONTACTS

| | |
|----------------------|-----------------------------|
| Event Organiser: | Camden Council |
| Event Manager: | Alana Begovic |
| Event Manager Phone: | 02 4654 7643 / 0448 207 324 |



Event Manager Email: alana.begovic@camden.nsw.gov.au

Venue Owner: Camden Council

Venue Manager: Camden Council

Venue Owner Phone: 02 4654 7777

Venue Owner Email: mail@camden.nsw.gov.au

Police LAC: Camden LAC

Police Contact: Senior Constable Michael Tanner

Police Phone: 02 4632 4499

Police Email: tann1mic@police.nsw.gov.au

RMS Contact: TBC

RMS Phone: TBC

RMS Email: TBC

Traffic Control Provider: Cato Location Services

Traffic Control Contact: Mick Darda

Traffic Control Phone: 0402 308 665

Traffic Control Email: mick@catolocationsservices.com.au



2. LOCATION MAP

ANZAC Day commemorations will be held in the Camden CBD on the following roads:

- + Cawdor Road between Barsden Street and Mitchell Street (Dawn Service)
- + Mitchell Street between Elizabeth Street and Edward Street, Elizabeth Street between Mitchell Street and Argyle Street, Argyle Street between Elizabeth Street and Murray Street, and Cawdor Road between Murray Street and Barsden Street (March)
- + Cawdor Road between Barsden Street and Mitchell Street (Community Service)

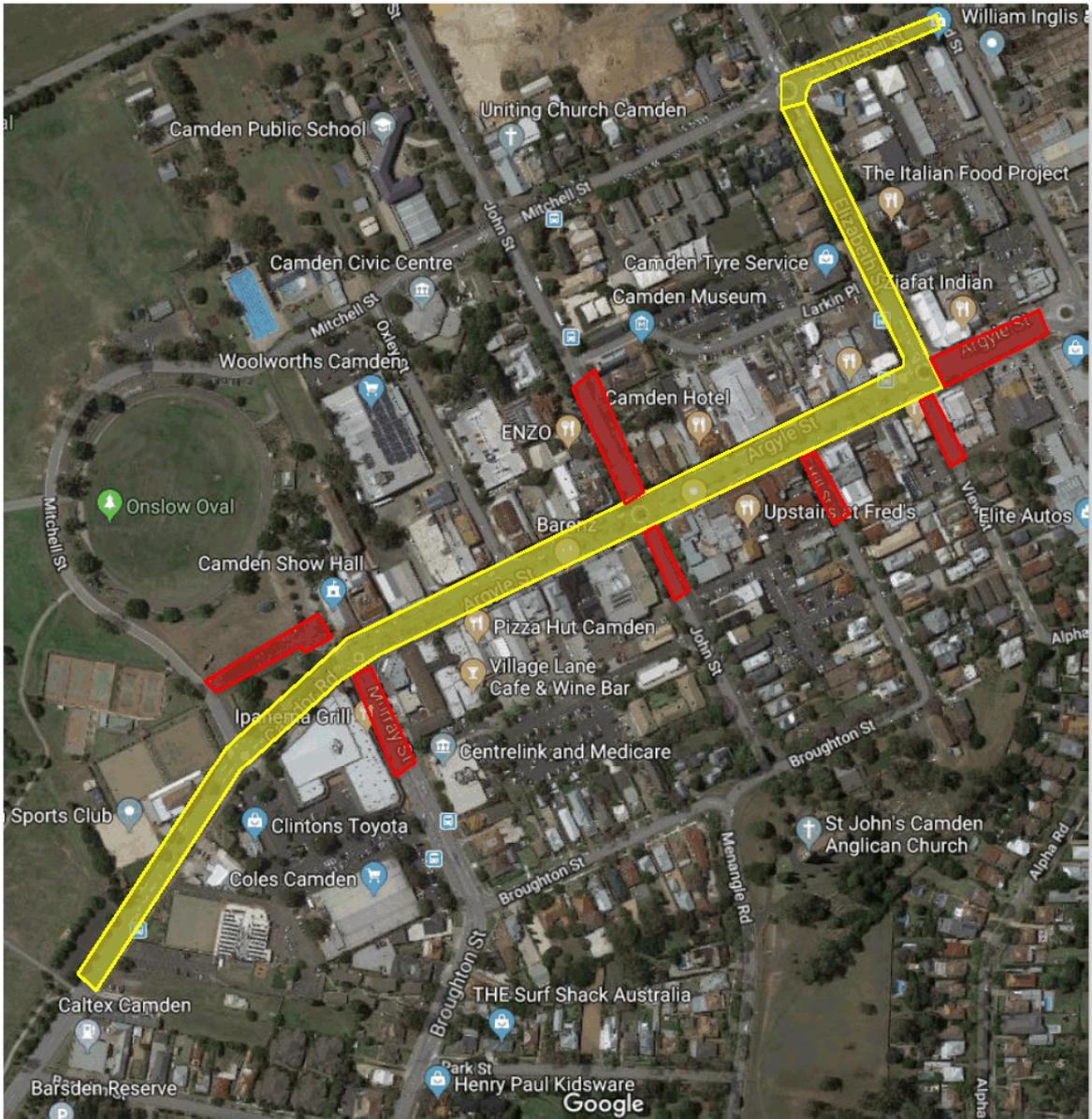
Parking, lane and road closures to facilitate these events will take place at various times through the day on the following roads:

- + The sealed car park between the Onslow Oval tennis courts and the Camden Show Hall
- + 37 to 39 John Street - parking only
- + 24 John Street - parking only
- + Argyle Street between Murray Street and Elizabeth Street - one lane closed in each direction
- + Cawdor Road between Barsden Street and Murray Street - full road closure
- + Argyle Street between Murray Street and Edward Street - full road closure
- + Murray Street between Argyle Street and 20 Murray Street (entrance to public car park) - full road closure
- + Exit from Woolworths car park on Argyle Street (north side) between Murray Street and Oxley Street - full road closure
- + Oxley Street between Argyle Street and 45 Oxley Street (entrance to Woolworths car park) - full road closure
- + John Street between Larkin Place and 60 John Street (entrance to public car park) - full road closure
- + Hill Street between Argyle Street and 21 Hill Street (entrance to public car park) - full road closure
- + View Street at Argyle Street - full road closure
- + Larkin Place at Elizabeth Street - full road closure
- + Elizabeth Street between Mitchell Street and Argyle Street - full road closure
- + Mitchell Street between Elizabeth Street and Edward Street - full road closure



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Attachment 1



Camden's ANZAC Day event locations (in yellow) noting the roads also affected by closures (in red) around the events.



3. EVENT SITE PLAN

A detailed event site plan is being prepared and will be updated closer to the event. Refer to the Event Organiser in section 1.4 of this document for the latest site plan.

LTC17

Attachment 1



4. WORKPLACE HEALTH & SAFETY

4.1. RISK ASSESSMENT PLANS

A Risk Management approach is a fundamental part of the planning for any event. The safety risk identification, assessment and control processes are legal obligations (as per the WHS Act and Regulation 2011) and should be aligned with AS/NZS ISO 31000 Risk Management – Principles and Guidelines. Broader event risk management is best practice and a fundamental part of due diligence.

The event organisers as the ground hirers/owners will be the principal risk manager for the event and shall ensure that the risk management methodologies are applied throughout all stages and aspects of the event activities.

A comprehensive Risk Assessment will be conducted for ANZAC Day and can be made available by contacting the Event Manager as listed in section 1.4 of this TMP.

4.2. PUBLIC LIABILITY INSURANCE

Camden Council has Public Liability Insurance to the value of \$20,000,000. This policy covers all activities taking place as part of ANZAC Day. Please refer to attached copy of this policy.

4.3. NSW POLICE FORCE

The Camden Police Area Command (PAC) will be involved in the planning of ANZAC Day via Council's Traffic Committee including aspects relating to use of the roadway, closure of selected roads and hostile vehicle mitigation. They will be formally notified at least two weeks prior to the event taking place.

4.4. NSW FIRE & RESCUE AND NSW AMBULANCE

NSW Fire & Rescue and NSW Ambulance will be notified at least two weeks prior to the event taking place. This will also include direct notification to Camden Hospital.



4.5. EVENT DELAYS, POSTPONEMENT OR CANCELLATION

Any decision to delay, postpone or cancel the event due to weather impacts or any other reason will be made by the Event Organiser and follow their protocols for emergency management. Once any decision is made in this regard it will be communicated to all relevant stakeholders as per the event's Emergency Management Plan.

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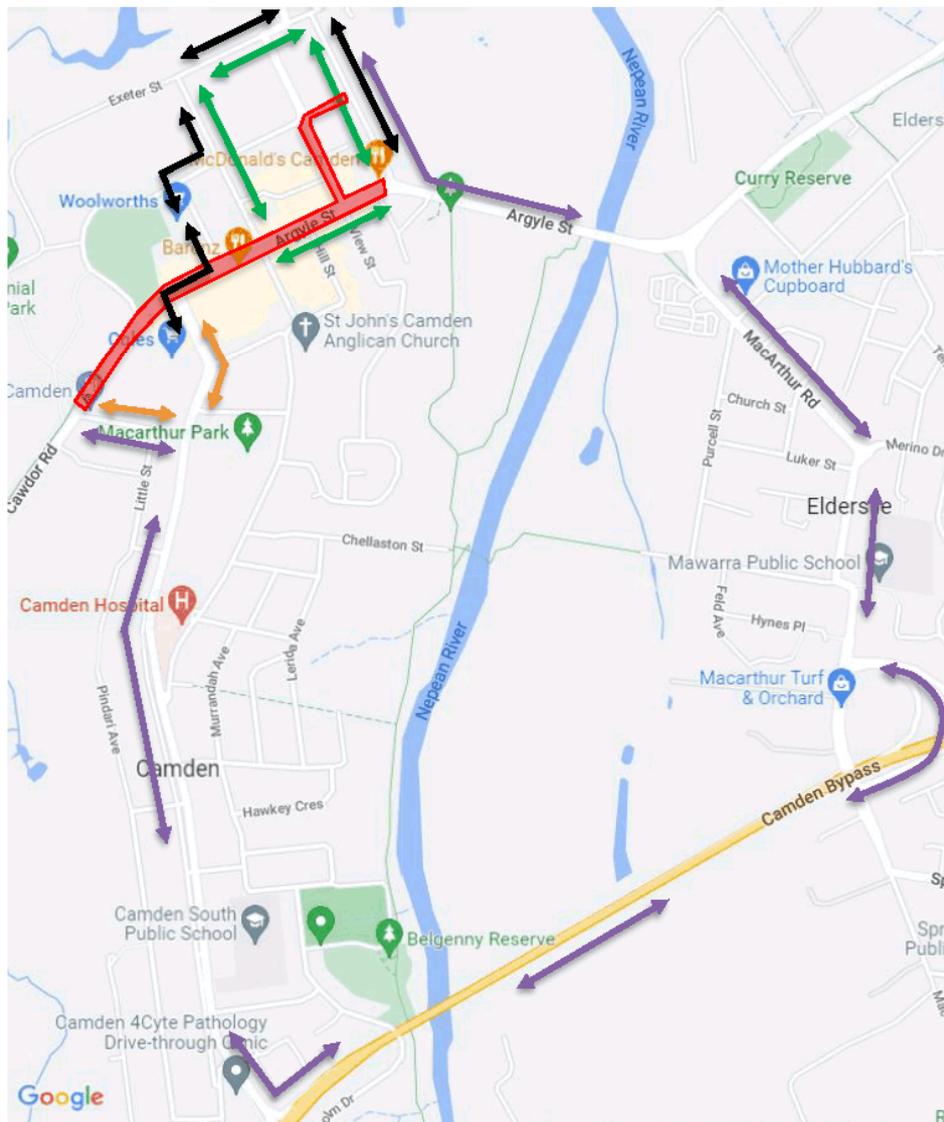
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5. TRAFFIC AND TRANSPORT MANAGEMENT

5.1. EVENT IMPACT ON ROAD NETWORK

A map of the event locations is shown below, noting the road closures in place and the detour routes around the closures. Every effort has been made to minimise the disruption to road users, residents and businesses by implementing only lane closures for sections of the day. Minor detours will be in place for the early morning Dawn Service closure (Cawdor Road near Barsden Street) and the march marshalling closure (Elizabeth and Mitchell Streets) however when the full Argyle Street road closure occurs, the detour is via the Camden Bypass.



Event road closures (in red), showing detours for the Dawn Service (in orange), marshalling on Elizabeth Street and Mitchell Streets (green), the initial closure of Argyle Street (in black) and the full closure of Argyle Street and Cawdor Road (in purple)



Depending on the location of road closures in Camden there can be limited routes around the CBD. Where possible Council has sought to minimise delays to road users by introducing lane and road closures progressively and providing detours through or around the site. Road closures and associated detours will be implemented according to the following stages:

CLOSURE STAGE 1

| | |
|------------------|---|
| Time: | 5.00pm on Sunday 24 April 2022 |
| Location: | Car park at Onslow Oval between the tennis courts and the Camden Show Hall – full closure. |
| Reason: | Provide a sizable, dedicated parking area for members of the public with disabilities or limited mobility to park close to the Dawn Service site. |
| Detour: | N/A |
| Impacts: | Minimal impact due sufficient other parking options in the immediate vicinity. |

CLOSURE STAGE 2

| | |
|------------------|---|
| Time: | 4.30am on Monday 25 April 2022 |
| Location: | Cawdor Road and Argyle Street. Includes: <ul style="list-style-type: none"> + Cawdor Road between Barsden Street and Mitchell Street - full road closure + Argyle Street between Murray Street and Elizabeth Street - inside lane closed east-bound and outside (kerbside) lane closed west-bound + Car park at Onslow Oval between the tennis courts and the Camden Show Hall – reopens from 7.00am |
| Reason: | Dawn Service on Cawdor Road and installation of fencing on Argyle Street – against the median strip east-bound and against the kerb west-bound |



Detour: Via Barsden and Broughton Streets (shown in orange above)

Impacts: Minimal impact due to easy access around the location. One lane each way remains open on Argyle Street.

CLOSURE STAGE 3

Time: 8.30am on Monday 25 April 2022

Location: Mitchell Street between Edward Street and Elizabeth Street (full road closure), Elizabeth Street between Mitchell Street and Argyle Street (full road closure)

Lane closures on Argyle Street remain as above.

Reason: Installation of fencing for parade marshalling on Elizabeth Street.

Detour: Via John, Exeter, Edward and Argyle Streets (shown in green above).

Impacts: Minimal impact due to easy access around the location. One lane each way remains open on Argyle Street.

CLOSURE STAGE 4

Time: 9.30am on Monday 25 April 2022

Location: Argyle Street between Edward Street and Oxley Street.
Includes:

- + John Street between Larkin Place and 60 John Street (entrance to public car park)
- + Hill Street between Argyle Street and 21 Hill Street (entrance to public car park)
- + View Street at Argyle Street



Road closures on Elizabeth Street and Mitchell Street, as well as the lane closure on Argyle Street between Murray Street and Oxley Street remain as above.

| | |
|-----------------|--|
| Reason: | Ongoing installation of fencing along parade route on Argyle Street while still allowing access through CBD. |
| Detour: | Via Murray, Argyle, Oxley, Mitchell, Exeter and Edward Streets (shown in green above). |
| Impacts: | Moderate impact due closure of Argyle Street however access is still maintained via back streets. |

CLOSURE STAGE 5

| | |
|------------------|--|
| Time: | 10.00am on Monday 25 April 2022 |
| Location: | Argyle Street and Cawdor Road between Oxley Street and Bardsden Street (east of the entrance to the Caltex service station. Includes: <ul style="list-style-type: none"> + Closure of exit from Coles car park on Cawdor Road (south side, west of Murray Street) + Murray Street between Argyle Street and 20 Murray Street (entrance to public car park) + closure of exit from Woolworths car park on Argyle Street (north side, east of Murray Street) + Oxley Street between Argyle Street and 45 Oxley Street (entrance to Woolworths car park). <p>All other road closures on Elizabeth, Mitchell and Argyle Streets remain as above.</p> |
| Reason: | Finalise set-up of fencing then management of march from 10.25am. Community Service continues on Cawdor Road from 11.15am to 12.00pm. |



Detour: Via Barsden Street, Broughton Street, Old Hume Highway, Camden Bypass, MacArthur Road, Argyle Street East and Edward Street (shown in purple above).

Impacts: Major impact due to lengthy detour for all traffic via the Camden Bypass until 12.00pm. Emergency vehicles are excepted. All north-south and east-west travel through the CBD ceases at 10.00am through until the end of the parade and clearing of lanes at 12.00pm.

CLOSURE STAGE 6

Time: 12.00pm on Monday 25 April 2022

Location: Argyle Street between Murray Street and Elizabeth Street - inside lane closed east-bound and outside (kerbside) lane closed west-bound

Reason: Removal of fencing along Argyle Street. Crews will work from both ends. The closure on Cawdor Road between Barsden and Mitchell Streets may extend slightly beyond 12.00pm to allow for the road to clear after the Community Service.

Detour: N/A. One lane open in each direction along Argyle Street.

Impacts: Minimal impact due one lane each way remains open on Argyle Street.

Impacts: Minor impact due to relatively easy access around the location. Note that west-bound traffic remains unaffected.

CLOSURE STAGE 7

Time: 2.00pm on Monday 25 April 2022

Location: All lanes and roads re-opened to traffic.

Despite best efforts to minimise disruptions it is accepted that the closure of Cawdor Road as well as Elizabeth, Mitchell and Argyle Streets at various times through the day will have



a negative impact on the Camden CBD road network for the duration of the event. However, it is also acknowledged that the impact is acceptable given the importance of this national day of remembrance, as well as the fact that these same roads have been closed to hold the event at a similar time of year for many years.

Traffic Guidance Systems (TGSs) will be implemented for the closures and detours noted above. Refer to the attachments to this TMP for copies.

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5.2. VEHICLE ACCESS TO THE EVENT SITE

Limited access to the event site and road closure will be permitted for product and service suppliers for the event as follows:

- + From 4.30am to 9.00am for the fencing install vehicles in the Argyle Street lane closures
- + From 8.30am to 9.00am for the fencing install vehicles in Elizabeth and Mitchell Streets, then in Argyle Street from 9.30am to 10.00am.
- + From 10.00am to 12.00pm for the fencing install vehicles along the remaining sections of Argyle Street including final installation of fencing across intersections and the progressive removal of fencing along Mitchell, Elizabeth and Argyle Streets behind the March.
- + From 12.00pm to 2.00pm for the ongoing fencing removal vehicles in the Argyle Street lane closures

In addition to the above, traffic controllers will allow the scheduled 895 bus service to pass northbound through the Argyle Street road closure at 10.20am. Fencing will be put in place after the bus has passed through the area ready the march.

Traffic controllers will also allow emergency access to the Elizabeth and Mitchell Street closures for residents, business operators and emergency vehicles. Access will not be permitted into these areas for business customers.

All vehicle access will be at the discretion of the Event Manager and traffic controllers on duty at the time to ensure public safety and will be strictly limited to walking pace only.

Attachment 1



5.3. PARKING

The following changes to parking availability and conditions will be made in the Camden CBD:

5.3.1. PARKING REMOVAL

- + Approximately 60m of 45-degree angled parking on the west side of John Street (between Argyle Street and Larkin Place) will be closed to provide storage of fencing equipment and fencing vehicles during bump-in, the events and bump-out.
- + Approximately 40m of 45-degree angled parking on the east side of John Street (just north of Mitchell Street) will be closed to provide a temporary bus stop for southbound buses from 8.30am to 12.00 on event the day.

Camden Council will erect no-parking/clearway signage in these areas in advance of 25 April 2022 to prevent the public parking here during these times.

5.3.2. CHANGES TO ON-STREET PARKING CONDITIONS

Camden Council will erect no-parking/clearway signage along the following streets in advance of 25 April 2022:

- + The car park at Onslow Oval between the tennis courts and the Camden Show Hall will be closed off to general access before and during the Dawn Service. It will be exclusively available only for people with limited mobility. A parking marshal will allow access only to those vehicles with an authorised RMS Mobility Parking Permit.
- + Mitchell Street (both sides) between Elizabeth Street and Edward Street.
- + Elizabeth Street (both sides) between Mitchell Street and Argyle Street.
- + Argyle Street (both sides) between Edward Street and Murray Street.
- + Cawdor Road (both sides) between Murray Street and Barsden Street.

Any vehicles still parked along these streets in the morning of the event will have a leaflet placed on them notifying the driver to contact event organisers to ensure their vehicle can be moved safely.

There is significant other parking in the streets surrounding the event site and parking is also available in dedicated car parks within the Camden town centre. Other than those



noted above, access to almost all parking locations will be maintained through the majority of the day, even during the major closure period for the march.

5.4. IMPACTS ON PUBLIC TRANSPORT

ANZAC Day will be held in Camden on Monday 25 April, a public holiday. Local buses will operate on a public holiday timetable and will therefore be minimal on the event day with only one service running. The impact on public transport will be as follows:

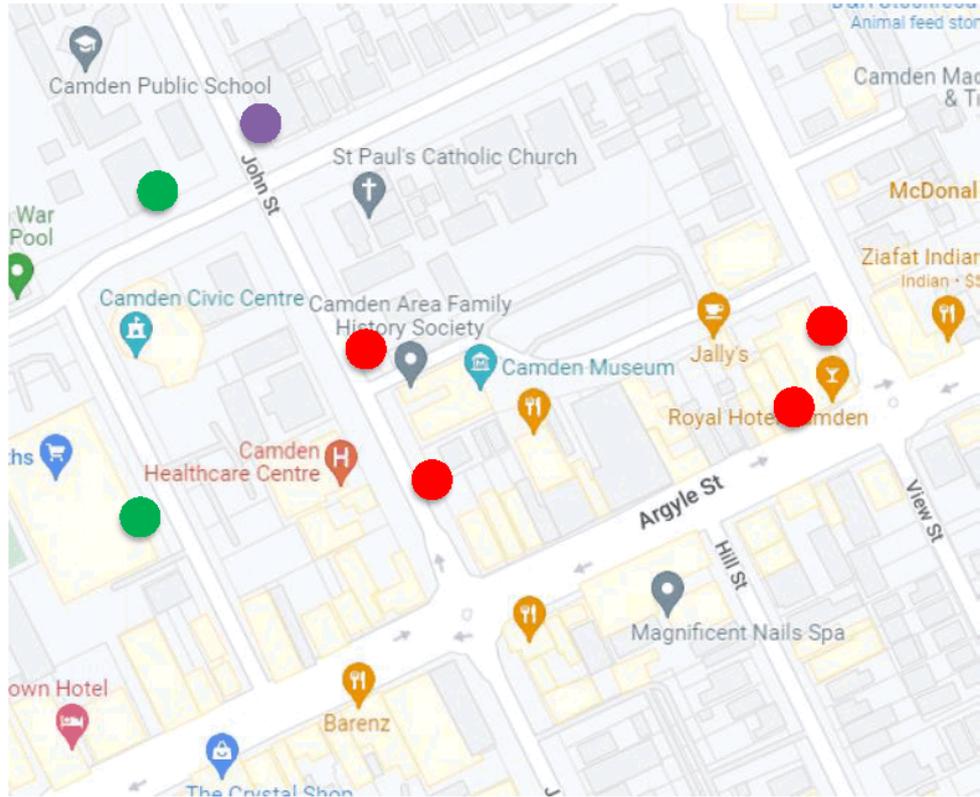
5.4.1. BUSES

The 895 is the only bus services operating through the Camden CBD on a public holiday. Its movements will be managed as follows:

- + From 8.30am all buses will be diverted around the Mitchell and Elizabeth Street road closures via Edward, Exeter and John Streets, along with other traffic.
- + The final bus service permitted through Camden before the parade commences along Argyle Street will be the 10.20am northbound (Campbelltown) service.
- + The 10.57am southbound (Camden South) service and the 11.20am northbound (Campbelltown) service will be diverted away from the Camden CBD as there will be no access through the area for this period.
- + The bus stops on Elizabeth Street (near Larkin Place), John Street (near Argyle Street) and Argyle Street (near Elizabeth Street) will not be in use from 8.30am to 12.00pm on the event day. A temporary bus stop will be implemented on John Street North (near Mitchell Street, outside the church) for southbound services. Northbound services maybe accessed at the existing bus stops on Oxley Street or Mitchell Street (near John Street, outside the school). See map below showing locations.

All other services around Camden will remain unaffected. The bus service provider (Busabout) will liaise with Transport for NSW to advise public transport users via their websites and apps. Advice will also be provided on the event page on Council's website and social media platforms.





Bus stops in the Camden CBD showing stops closed during the event time (red), operating as normal (green) and the temporary bus stop for southbound passengers (purple).

5.4.2. TAXIS AND RIDE-SHARE PROVIDERS

Taxis and ride-share providers will continue to have access to the road network around the closures as per other road users.

5.5. CHANGES TO CYCLE ROUTES

The closure of Cawdor Road, Mitchell Street and Argyle Streets will not affect designated cycling routes through Camden. Cyclists will still be able to dismount and walk their bikes through the event sites. All existing cycle routes will remain in place and operational around the event site.

5.6. PEDESTRIAN MANAGEMENT AND HOSTILE VEHICLE MITIGATION (HVM)

The closure of Cawdor Road, Mitchell Street, Elizabeth Street and Argyle Streets during the Dawn Service, march and Community Service is designed to provide a pedestrian-friendly area for the events to operate in and for pedestrians to participate.



At each of the road closure stages, hostile vehicle mitigation (HVM) barriers will be placed at each entry point as noted on the TCPs at the direction of Council staff to prevent access to the site by unauthorised vehicles. A driver for each vehicle will always be present in case the vehicle needs to be moved to allow access for emergency vehicles.

LTC17

5.7. RE-OPENING ROADS AFTER THE EVENT

The road closure on Cawdor Road and adjacent parking at Onslow Oval for the Dawn Service is planned to re-open at 7.00am however this may occur earlier if the road is clear and it is safe to do so.

The road closures on Mitchell Street, Elizabeth Street and Argyle Street for the march and Cawdor Road for the Community Service are currently planned to be re-opened at 12.00pm. However, if in the opinion of the Event Organiser and traffic controllers on duty, the closure is no longer required for event bump-out purposes, the roads may be opened earlier to traffic movements.

Note that while at least one lane each way will be re-opened along Argyle Street at 12.00pm, a lane each way will still remain closed through until 2.00pm to facilitate the safe removal of fencing from the roadway. Again, these lanes will be partially or fully re-opened earlier if the Event Organiser and traffic controllers agree it is safe to do so.

It is expected that all roads will be operating as normal by 2.00pm.

Attachment 1



6. MINIMISING IMPACT ON THE NON-EVENT COMMUNITY

6.1. ACCESS FOR LOCAL RESIDENTS AND BUSINESSES

The road closure area for ANZAC Day includes many businesses and some residential buildings fronting Cawdor Road, Argyle Street, Elizabeth and Mitchell Streets as well as some sections of John, Murray, Oxley and Hill Streets. Access to these businesses and residences will be maintained as much as possible.

Traffic controllers will allow emergency access only to the Elizabeth and Mitchell Street closures for residents, business operators and emergency vehicles at walking pace only. Access will not be permitted into these areas for business customers. No other vehicle movements (other than emergency vehicles or those associated with the parade) will be permitted into, within or out of the event site.

Vehicle access will be maintained for the Caltex service station at the corner of Cawdor Road and Barsden Street. A contra-flow arrangement will also be put in place at the roundabout at the corner of Mitchell and Elizabeth Streets to facilitate southbound traffic on Elizabeth Street turning right onto Mitchell Street and eastbound traffic on Mitchell Street turning left onto Elizabeth Street. The eastern and southern sides of the roundabout will remain closed to normal traffic to allow safe movement of parade participants and vehicles between the Mitchell Street and Elizabeth Street marshalling areas.

Pedestrian access to all businesses and residential properties will not be impacted by the event or road closures other than the prevention of pedestrians crossing Argyle Street during the march and the increased foot traffic expected to be generated as a result of the events.

The Event Organiser will notify all residents and businesses impacted by the event including confirmation of the restricted vehicle movements during the event operating times. This will include reviewing any requirements for changes to commercial waste collection times and/or locations.

6.2. ACCESS FOR EMERGENCY VEHICLES

Emergency service vehicles will have unobstructed access into the event site if required via any of the normal road entry points. While HVM measures will be in place, a driver for



all vehicles will always be present in case the vehicle needs to be moved to allow access for emergency vehicles.

6.3. ADVERTISING TRAFFIC MANAGEMENT ARRANGEMENTS

The Event Organiser will advertise the road closures in local print media, social media and on Council's website. A letterbox drop will be conducted to all resident and businesses in the immediately vicinity of the event sites and road closures as well as the surrounding streets in Camden. VMS will also be placed on approach roads to the Camden CBD (see below) to alert road users.

6.4. EVENT PROMOTION

The Event Organiser will promote ANZAC Day in Camden and the road closures taking place using a variety of methods in the weeks preceding the event including:

- + Camden Council's social media platforms
- + Camden Council's website
- + Camden RSL Sub-Branch's website
- + Camden RSL Sub-Branch's social media platforms

6.5. VARIABLE MESSAGE SIGNS

Three Variable Message Signs (VMS) will be used on approach roads to the event location to advise road users of the event and changes taking place to the road network. These will be placed as follows:

- + Western side of Cawdor Road before Barsden Street
- + Western side of Old Hume Highway before Menangle Road
- + Southern side of Camden Valley Way after Wilkinson Street

The VMS boards will be installed on Monday 18 April 2022 and will read as follows:



FROM 18 APRIL 2022

Frame 1

ANZAC DAY
25 APRIL
MARCH & SERVICE

Frame 2

ARGYLE ST &
CAWDOR RD
CLOSED

Frame 3

USE BYPASS
REOPEN AT 2PM

FROM 6.00AM ON 25 APRIL 2022

Frame 1

HEAVY
VEHICLE
DETOUR



Frame 2

USE BYPASS
REOPEN AT 2PM

FROM 10.00AM ON 25 APRIL 2022

Frame 1

ARGYLE ST &
CAWDOR RD
CLOSED

Frame 2

DETOUR VIA
BYPASS
REOPEN AT 2PM

LTC17

Attachment 1



7. ATTACHMENTS

7.1. TRAFFIC GUIDANCE SYSTEMS

Six TGSs are provided on the following pages showing:

- + the specific lane closures taking place along Argyle Street
- + the closure and opening of roads across the Camden CBD throughout the event day
- + the detours in place around the road closures during the event.



Attachment 1

LTC17

| Agency | Install Times | Taskings |
|---------|---------------|--|
| CATO | 0830 | Traffic Controllers close Elizabeth St for fencing install |
| Fencing | 0835 | Install CCB's on Elizabeth Street & Mitchell St |

CR+O
NSW + QLD + SA + ACT

NOTE: Local Councils (LC) do not accept responsibility of any traffic guidance scheme if it is not approved by the relevant authority. Traffic guidance schemes are managed and implemented by the relevant authority.

TRAFFIC GUIDANCE SCHEME FOR EVENT

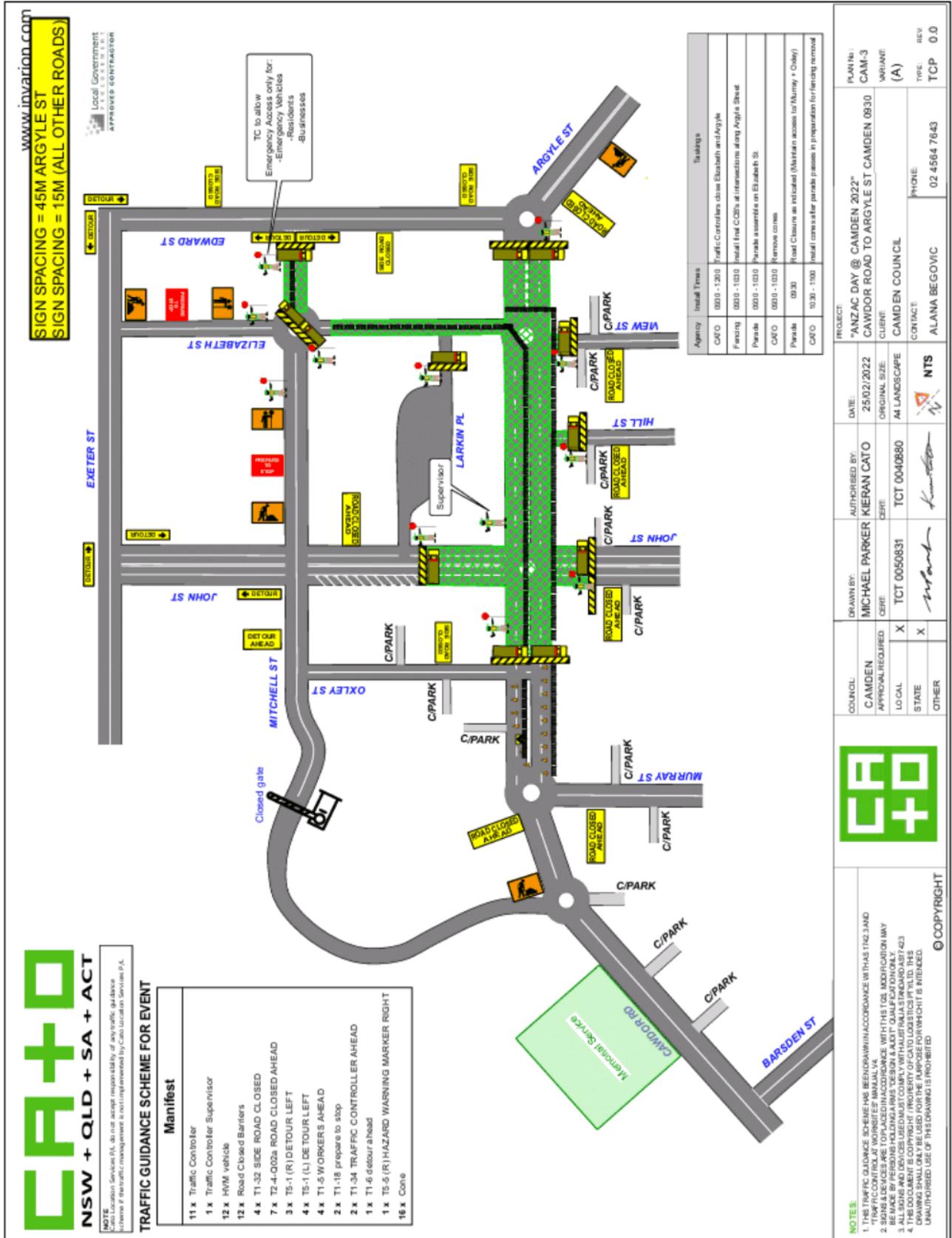
| Manifest |
|--|
| 6 x Traffic Controller |
| 1 x Traffic Controller Supervisor |
| 5 x Road Closed Barriers |
| 2 x T2-6-1 LEFT LANE CLOSED |
| 4 x T1-3-2 SIDE ROAD CLOSED |
| 1 x T2-4-Q22a ROAD CLOSED AHEAD |
| 7 x T5-5 (R) HAZARD WARNING MARKER RIGHT |
| 81 x Cone |
| 5 x T5-1 (L) DETOUR LEFT |
| 5 x T5-1 (R) DETOUR LEFT |
| 9 x T1-5 WORKERS AHEAD |
| 2 x T1-18 prepare to stop |
| 2 x T1-34 TRAFFIC CONTROLLER AHEAD |
| 1 x T1-6 detour ahead |
| 5 x HVM vehicle |

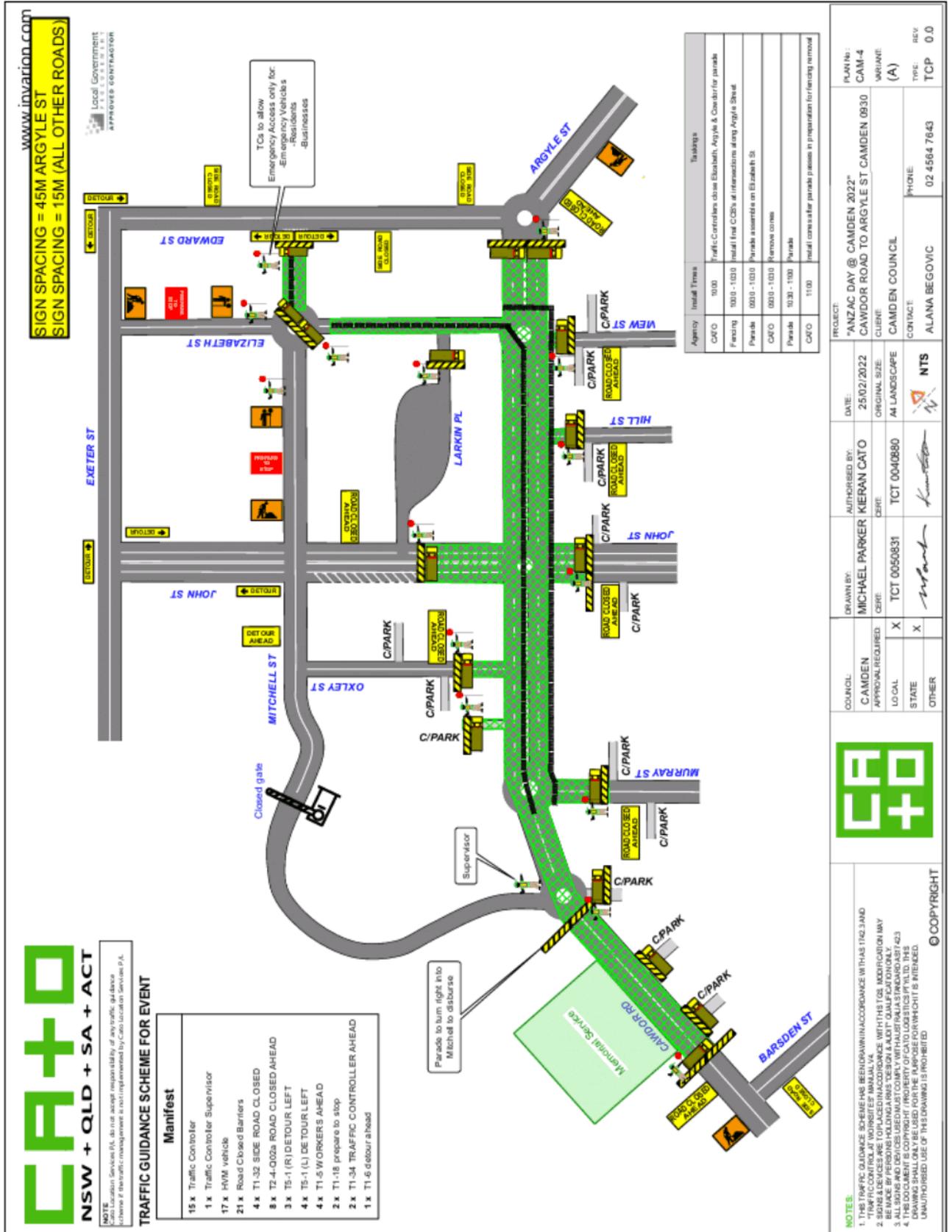
| | | | | | | | | | | | |
|--------------------|--------|-------------|----------------|----------------|-------------|----------------|---------------|----------|---------------------------|-----------|-------|
| COUNCIL: | CAMDEN | DRAWN BY: | MICHAEL PARKER | AUTHORIZED BY: | KIERAN CATO | DATE: | 25/03/2022 | PROJECT: | "ANZAC DAY @ CAMDEN 2022" | PLAN NO.: | CAM-2 |
| APPROVAL REQUIRED: | | CERE: | | CERE: | | ORIGINAL SIZE: | A4 LANDSCAPE | CLIENT: | CAMDEN COUNCIL | VARIANTE: | (A) |
| LO-CAL: | X | TCT 0050831 | TCT 0040880 | TCT 0040880 | | CONTACT: | ALANA BEGOVIC | PHONE: | 02 4564 7643 | TYPE: | REV |
| STATE: | X | | | | | OTHER: | | | | TCP: | 0.0 |
| OTHER: | | | | | | | | | | | |

NOTES:

- THIS TRAFFIC GUIDANCE SCHEME HAS BEEN DRAWN IN ACCORDANCE WITH THE T192 JAMM TRAFFIC CONTROL AT WORKSITES MANUAL V4.
- SIGNS & DEVICES ARE TO BE PLACED IN ACCORDANCE WITH THIS TGS. MODIFICATION MAY BE MADE BY PERSONS HOLDING JAMS DESIGN & AUDIT QUALIFICATION ONLY.
- TRAFFIC CONTROLLERS MUST BE TRAINED AND QUALIFIED TO USE THIS TGS.
- THIS DOCUMENT IS COPYRIGHT (PROPERTY OF CATO LOGISTICS PTY LTD). THIS DRAWING SHALL ONLY BE USED FOR THE PURPOSE FOR WHICH IT IS INTENDED. UNAUTHORISED USE OF THIS DRAWING IS PROHIBITED.

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Sign Spacing = 45M ARGYLE ST
Sign Spacing = 15M (ALL OTHER ROADS)

www.invarion.com
Local Government
PART 95.01.01
APPROVED CONTRACTOR

NSW + QLD + SA + ACT

TRAFFIC GUIDANCE SCHEME FOR EVENT

Manifest

- 4 x Traffic Controller
- 1 x Traffic Controller Supervisor
- 2 x T2-6-1 LEFT LANE CLOSED
- 7 x T5-5 (R) HAZARD WARNING MARKER RIGHT
- 62 x Cone
- 7 x T1-5 WORKERS AHEAD

Taskings

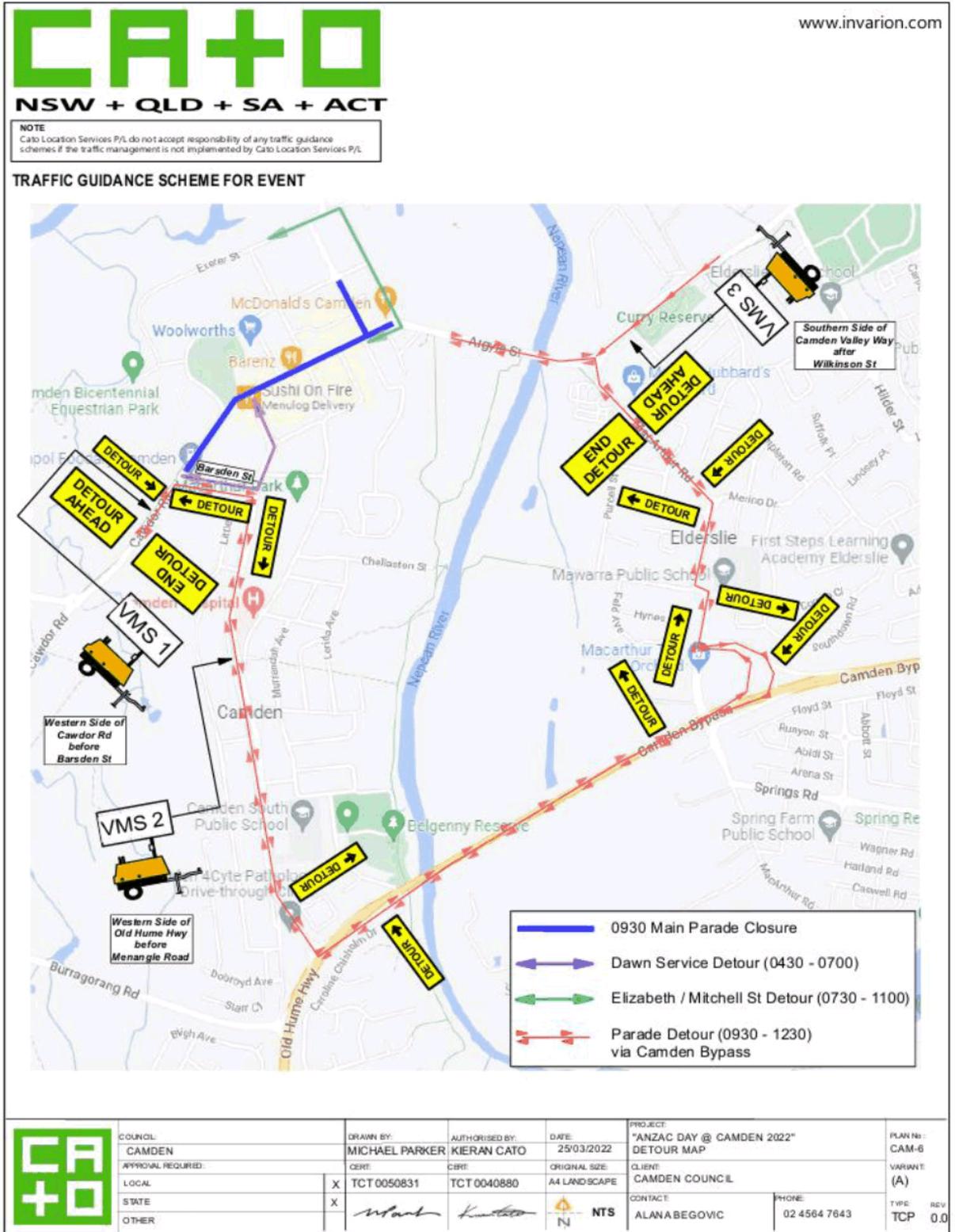
| Agency | Install Times | Taskings |
|---------|---------------|--|
| CATO | 1200 - 1400 | Traffic Controllers close lanes on Argyle for fencing removal (progressively open) |
| Fencing | 1200 - 1400 | Remove CCB's from Argyle Street |

| COUNCIL | DRAWN BY | AUTHORISED BY | DATE | PROJECT | PLAN NO. |
|--------------------|----------------|---------------|----------------|---------------------------|--------------|
| CAMDEN | MICHAEL PARKER | KIERAN CATO | 25/02/2022 | "ANZAC DAY @ CAMDEN 2022" | CAM-5 |
| APPROVAL REQUIRED: | CERT | CERT | ORIGINAL SIZE: | CLIENT: | VARIANTE |
| LOCAL | X | TCT 0050831 | A4 LANDSCAPE | CAMDEN COUNCIL | (A) |
| STATE | X | | NTS | CONTACT: | TYPE: REV |
| OTHER | | | | ALANA BEGOVIC | TCP 0.0 |
| | | | | PHONE: | 02 4564 7643 |

NOTES:

- THIS TRAFFIC GUIDANCE SCHEME HAS BEEN DRAWN IN ACCORDANCE WITH AS 1742 JAND
- CONES AND SIGNS ARE TO BE PLACED IN ACCORDANCE WITH THIS TGS. MODIFICATION MAY BE MADE BY PERSONS HOLDING A SIGN DESIGN & ADAPT QUALIFICATION ONLY.
- ALL SIGNS AND DEVICES USED MUST COMPLY WITH AUSTRALIAN STANDARDS AS 1742-2011.
- DRAWING SHALL ONLY BE USED FOR THE PURPOSE FOR WHICH IT IS INTENDED. UNAUTHORISED USE OF THIS DRAWING IS PROHIBITED.

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7.2. PUBLIC LIABILITY INSURANCE

LTC17

To be supplied
by Council

Attachment 1



8. APPROVALS

8.1. EVENT ORGANISER APPROVAL

TMP Approved by:
(Name)

.....
(Signature) (Date)

8.2. AUTHORISATION TO REGULATE TRAFFIC

Council's traffic management requirements have been met. Regulation of traffic is therefore authorised for all non-classified roads described in the risk management plans and this TMP.

Regulation of Traffic Authorised by:

.....
(Council)

.....
(Name)

.....
(Signature) (Date)



The RMS traffic management requirements have been met. Regulation of traffic is therefore authorised for all classified roads described in the risk management plans and this TMP

Regulation of Traffic Authorised by:

.....
(RMS)

.....
(Name)

.....
(Signature) (Date)

LTC17

Attachment 1



LTC18

SUBJECT: INGLEBURN ROAD, LEPPINGTON - SIGNAGE, LINE-MARKING AND DEVICES ASSOCIATED WITH SUBDIVISION NO. 108 & 116

FROM: Acting Director Community Assets

EDMS #: 22/160227

ELECTRONIC MEETING DATE: 8 April 2022

PURPOSE OF REPORT

To document concurrence previously provided by Local Traffic Committee through an Electronic Meeting for Ingleburn Road, Leppington - Signage, Line-marking and Devices Associated with Subdivision No. 108 & 116.

MAIN REPORT

Signage and line-marking plans have been received by Council for the construction of the Woolworths Supermarket at 108 & 116 Ingleburn Road, Leppington. The Location is highlighted on **Attachment 1**. This relates to the Development Application number: DA/2020/211/1.

The Engineering Drawing No. 19162_CC_C605, Rev.6, 19162_CC_C606, Rev.6, 19162_CC_C607, Rev.6, and 19162_CC_C608, Rev.6 prepared by Henry & Hymas Consulting provide 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 |
|-------------------------------------|--|
| 2022/20 | <p>The Local Traffic Committee recommends that Council, approves regulatory signage and line-marking associated with the development of 108 & 116 Ingleburn Road, Leppington as shown on the Engineering Drawing No. 19162_CC_C605, Rev.6, 19162_CC_C606, Rev.6, 19162_CC_C607, Rev.6, and 19162_CC_C608, Rev.6 subject to:</p> <ul style="list-style-type: none"> i. All signage being sign size A; ii. The installation being completed by the applicant at their cost; and 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. |

This recommendation was supported unanimously by the four voting members.

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

RECOMMENDED

That the Local Traffic Committee recommends: Signage, Line-marking and Devices Associated with Subdivision No. 108 & 116.

ATTACHMENTS

1. Attachment 1- Ingleburn Road - Woolworths
2. Attachment 2- Ingleburn Road - Woolworths



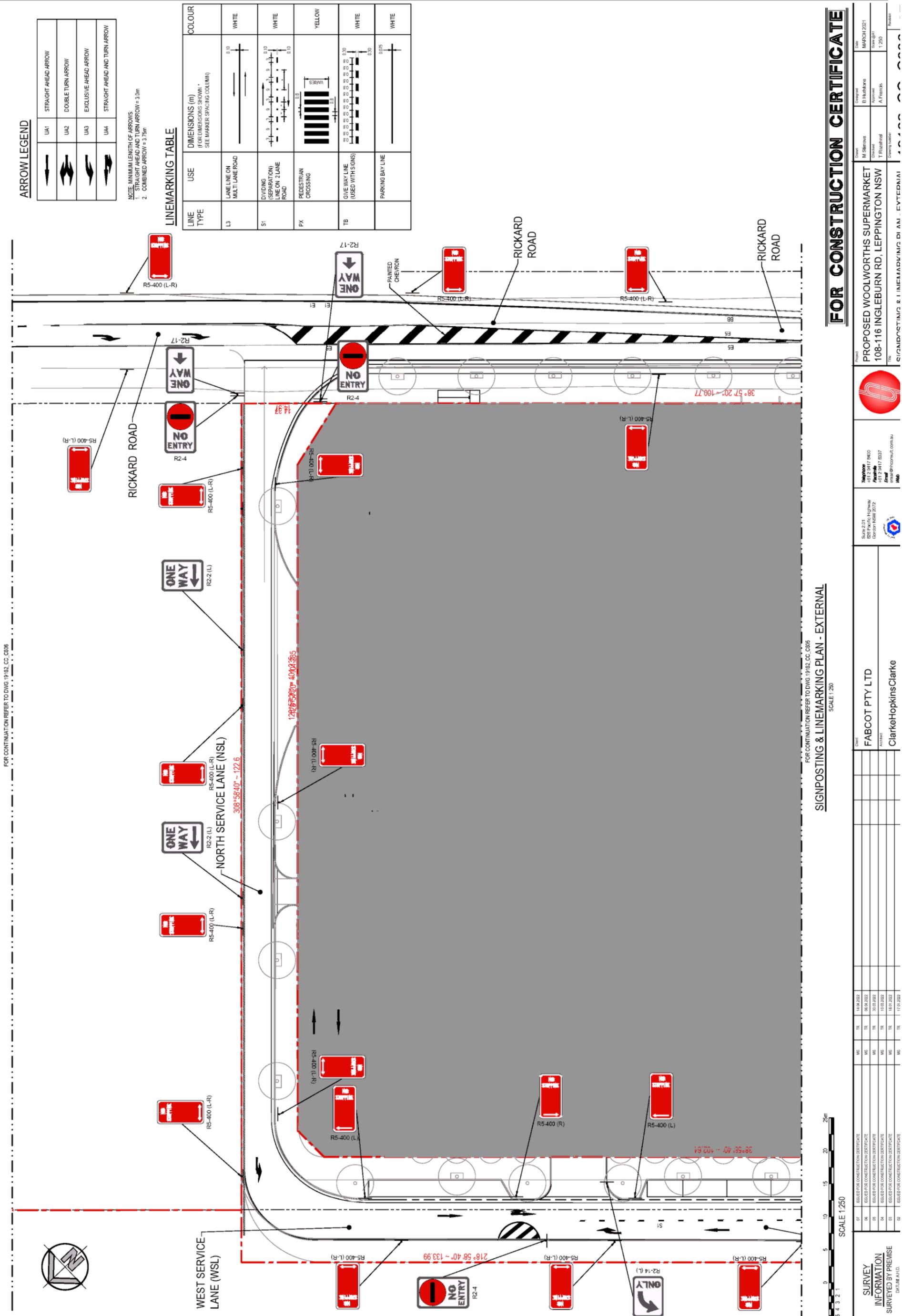
Camden Council
 70 Central Ave
 ORAN PARK NSW 2570
 Telephone: 02 4654 7777
 Email: mail@camden.nsw.gov.au

 **Subject Site**



Map Scale: 1:4514
 Projection: GDA94 / MGA zone 56
 Date: 7/04/2022 9:07 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.





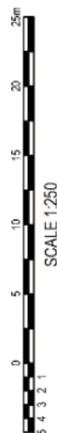
LINE MARKING TABLE

| LINE TYPE | USE | DIMENSIONS (m) (IF DIMENSIONS SHOWN - SEE MARKER SPACING COLUMN) | COLOUR |
|-----------|--|---|--------|
| S1 | DIVIDING (SEPARATION) LINE ON 2 LANE ROAD | | WHITE |
| PK | PEDESTRIAN CROSSING | | YELLOW |
| TB | GIVE WAY LINE (USED WITH SIGNS) | | WHITE |
| | PARKING BAY LINE | | WHITE |
| ES | OUTLINE OF PAINTED MEDIAN | | WHITE |
| TF | STOP LINE | | WHITE |
| E1 | LEFT HAND EDGE LINE ON GENERAL PURPOSE ROAD | | WHITE |
| L3 | LANE LINE ON MULTI LANE ROAD | | WHITE |
| BB | 1. REPLACE SEPARATION LINE IF RESTRICTED SPACE FOR BOTH DIRECTIONS OR 2. APPROACH TO MEDIAN ISLAND OR 3. APPROACHES TO PEDESTRIAN CROSSING | | WHITE |
| TB1 | GIVE WAY LINE (USED ON RIGHT SIDE OF ROAD) | | WHITE |

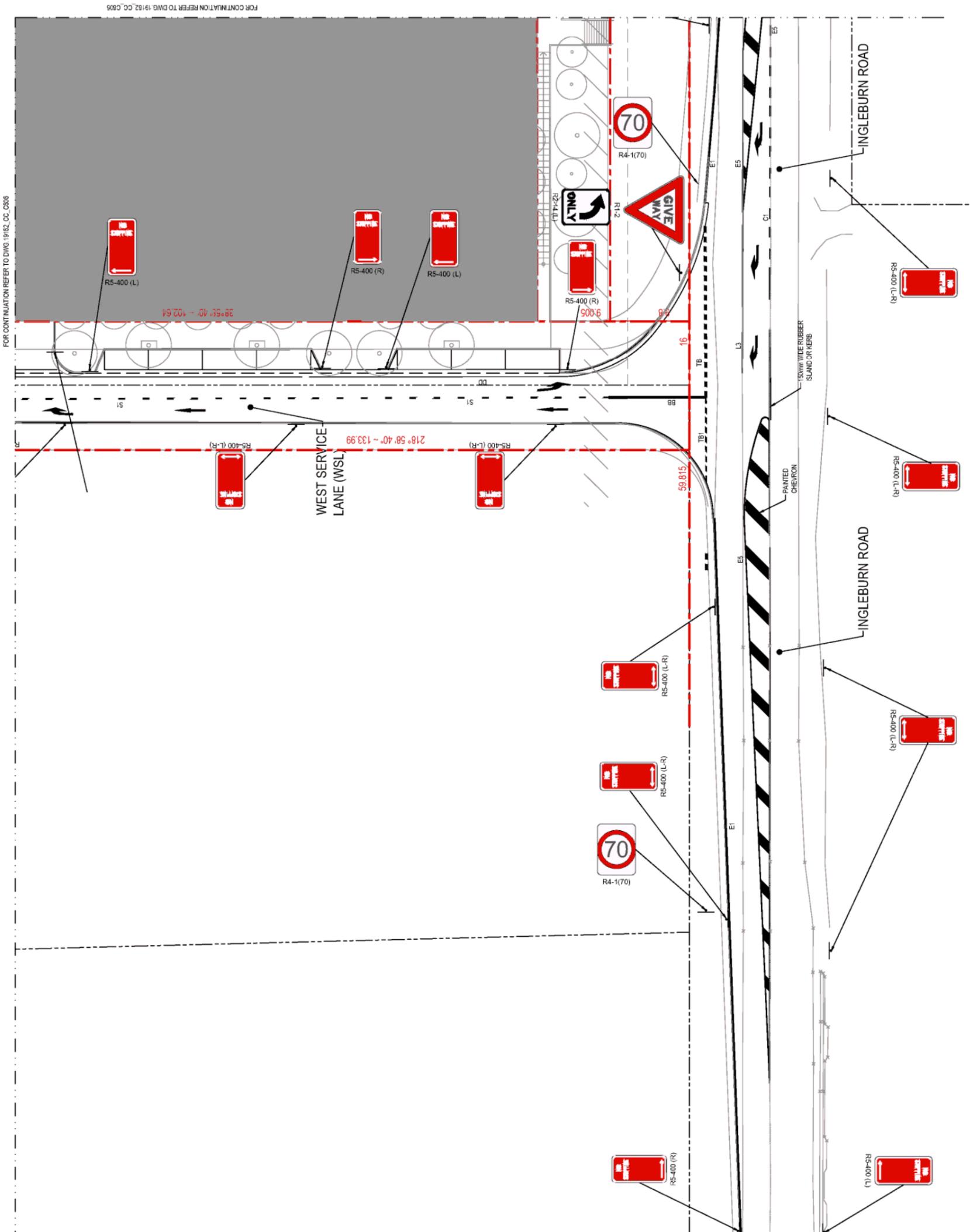
ARROW LEGEND

| | |
|-----|-------------------------------|
| UA1 | STRAIGHT AHEAD ARROW |
| UA2 | DOUBLE TURN ARROW |
| UA3 | EXCLUSIVE AHEAD ARROW |
| UA4 | STRAIGHT AHEAD AND TURN ARROW |

NOTE: MINIMUM LENGTH OF ARROWS
 1. STRAIGHT AHEAD AND TURN ARROW = 3.0m
 2. COMBINED ARROW = 3.15m



SCALE 1:250



SIGNPOSTING & LINE MARKING PLAN - EXTERNAL
 SCALE 1:250

FOR CONSTRUCTION CERTIFICATE

| DATE | BY | REVISION | DESCRIPTION |
|------------|----|----------|-------------------------------------|
| 14/01/2022 | MS | 01 | ISSUED FOR CONSTRUCTION CERTIFICATE |
| 20/01/2022 | MS | 02 | ISSUED FOR CONSTRUCTION CERTIFICATE |
| 16/01/2022 | MS | 03 | ISSUED FOR CONSTRUCTION CERTIFICATE |

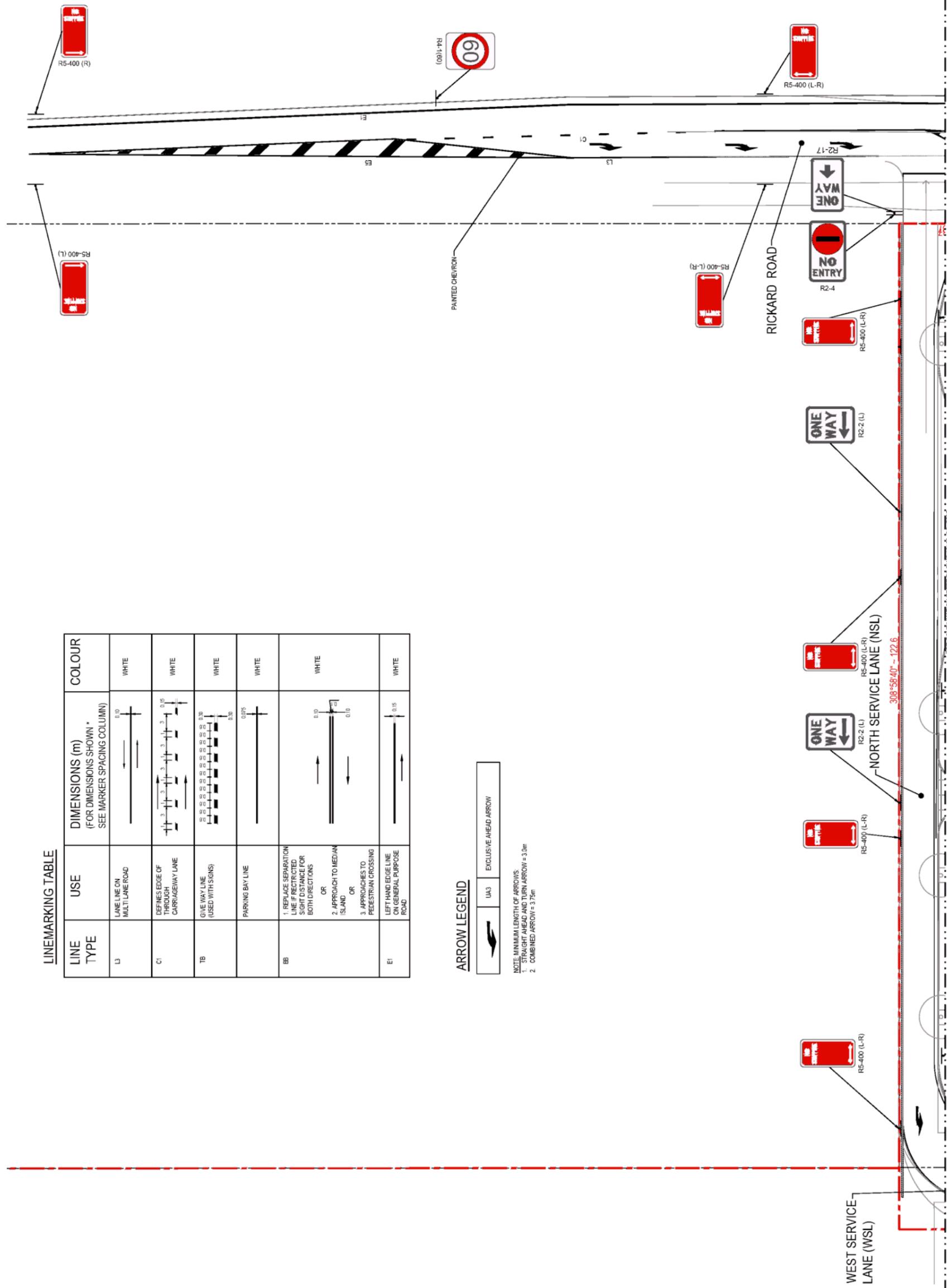
FABCOT PTY LTD
 Surveyors
 11/11/2021

PROPOSED WOOLWORTHS SUPERMARKET
 108-116 INGLEBURN RD, LEPPINGTON NSW

FOR CONSTRUCTION CERTIFICATE

Client: M. Simons
 Designer: B. Hurlburo
 Date: MARCH 2021
 Scale: 1:250

Attachment 2
 LTC18



LINEMARKING TABLE

| LINE TYPE | USE | DIMENSIONS (m) (FOR DIMENSIONS SHOWN * SEE MARKER SPACING COLUMN) | COLOUR |
|-----------|---|---|--------|
| L3 | LANE LINE ON MULTILANE ROAD | 1.0 | WHITE |
| C1 | SEPARATES EDGE OF THROUGH CARRIAGEWAY LANE | 0.15 | WHITE |
| TB | ONE WAY LINE (USED WITH SIGNS) | 0.25 | WHITE |
| | PARKING BAY LINE | 0.25 | WHITE |
| BB | 1. REPLACE SEPARATION LINE IF RESTRICTED SIGHT DISTANCE FOR BOTH DIRECTIONS OR 2. APPROACH TO MEDIAN ISLAND OR 3. APPROACHES TO PEDESTRIAN CROSSING LEFT HAND EDGE LINE ON GENERAL PURPOSE ROAD | 0.10 0.15 | WHITE |
| E1 | LEFT HAND EDGE LINE ON GENERAL PURPOSE ROAD | 0.15 | WHITE |

ARROW LEGEND



NOTE: MINIMUM LENGTH OF ARROWS:
1. STRAIGHT AHEAD AND TURN ARROW = 3.0m
2. COMBINED ARROW = 3.75m

SIGNPOSTING & LINEMARKING PLAN - EXTERNAL

SCALE 1:250



SCALE 1:250

SURVEY INFORMATION
SURVEYED BY PREMISE
DATE: 14/11/2021

| DATE | ISSUED FOR CONSTRUCTION CERTIFICATE |
|------------|-------------------------------------|
| 14/11/2021 | 01 |
| 04/04/2022 | 02 |
| 04/04/2022 | 03 |
| 20/03/2022 | 04 |
| 03/03/2022 | 05 |
| 03/03/2022 | 06 |
| 17/01/2022 | 07 |

CLIENT: FABCOT PTY LTD
SURVEYOR: ClarkeHopkinsClarke

DATE: 14/11/2021
SCALE: 1:250

PROJECT: PROPOSED WOOLWORTHS SUPERMARKET
108-116 INGLEBURN RD, LEPPINGTON NSW

DESIGNED BY: B. Hurlburt
DRAWN BY: M. Shrivastava
CHECKED BY: T. Fitzmaurice
DATE: MARCH 2021

FOR CONSTRUCTION CERTIFICATE

 70 Central Ave,
Oran Park NSW 2570

 mail@camden.nsw.gov.au

 PO Box 183, Camden 2570

 camden.nsw.gov.au

 4654 7777

 ABN: 31 117 341 764

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