



29 November 2018

File: COR2009/206

NOTICE OF MEETING

You are advised of the following meeting:

Thursday 29 November 2018

Ryde Traffic Committee Meeting

Council Chambers Room, Level 1A, 1 Pope Street, Ryde - 10.00am

MEMBERS

City of Ryde (Chair)..... Director City Works
Roads and Maritime Services of NSW North West Region
NSW Police Force Ryde Local Area Command
Member for Ryde (24 items)..... The Hon. V Dominello MP
Member for Lane Cove (4 items)..... The Hon. A Roberts MP

ADVISORS

Sydney Buses Western Region

Committee Members, Advisors and City of Ryde Councillors are invited to attend the next meeting of the Ryde Traffic Committee. Alternatively, please forward comments on any matter listed for discussion to the Meeting Convenor, via email by 5pm Tuesday, 27 November 2018.

Members of the public may register to address the Ryde Traffic Committee on any matter listed for discussion by contacting the Meeting Convenor, via email, by 5pm Tuesday, 27 November 2018.

Meeting Convenor
Muddasir Ilyas – Acting Team Leader Traffic Services
milyas@ryde.nsw.gov.au.



Meeting Date: 29 November 2018
Location: Council Chambers Room, Level 1A, 1 Pope Street, Ryde
Time: 10.00am

NOTICE OF BUSINESS

APOLOGIES

DISCLOSURES OF INTEREST

CONFIRMATION OF PREVIOUS MINUTES

MATTERS ARISING FROM PREVIOUS MINUTES

MATTERS FOR CONSIDERATION

- (A) WASTE COLLECTION - FRIDAY - LGA
- (B) WASTE COLLECTION – TUE –
EILEEN STREET & WATT AVENUE, RYDE
- (C) PARK AVENUE, WEST RYDE - SERVICE VEHICLE ACCESS
- (D) MAYCOCK STREET, DENISTONE EAST - WASTE VEHICLE ACCESS
- (E) AVON ROAD, NORTH RYDE- CHANGE IN PARKING RESTRICTION
- (F) MARKET STREET, WEST RYDE - DISABLED PARKING
- (G) BELMORE STREET, RYDE- NO STOPPING
- (H) 2 TO 20 CONSTITUTION ROAD, RYDE - EXTEND NO STOPPING
- (I) STAGE 2-5 SHEPHERD'S BAY, MEADOWBANK- TRAFFIC CALMING DEVICES
- (J) CHARLES STREET, RYDE- NO STOPPING ALONG BEND
- (K) PELLISIER ROAD, PUTNEY- NO STOPPING ALONG BEND
- (L) JULIUS AVENUE, NORTH RYDE - NEW PEDESTRIAN CROSSING
- (M) 723 TO 731 VICTORIA ROAD, RYDE- SIGNAGE AND LINEMARKING PLAN
- (N) 2 ANGAS STREET, MEADOWBANK - SIGNAGE AND LINEMARKING PLAN
- (O) 117 TO 119 BOWDEN STREET, MEADOWBANK -
SIGNAGE AND LINEMARKING PLAN
- (P) 121 BOWDEN STREET, MEADOWBANK - SIGNAGE AND LINEMARKING PLAN
- (Q) HOLDMARK SHEPHERDS BAY URBAN DEVELOPMENT STAGE 6-9 MEADOWBANK -
SIGNAGE AND LINEMARKING PLAN



- (R) 2 TO 6 JUNCTION STREET, RYDE - SIGNAGE AND LINEMARKING PLAN
- (S) 101 TO 103 CHURCH STREET, RYDE - SIGNAGE AND LINEMARKING PLAN
- (T) AEOLUS AVENUE & WOLGER ROAD, RYDE -
SAFER ROAD PROGRAM 2019/2020 - DESIGN REVIEW
- (U) ALISON STREET & NORTH ROAD, EASTWOOD -
SAFER ROAD PROGRAM 2019/2020 - DESIGN REVIEW
- (V) ORCHARD STREET, TERRY ROAD & RYEDALE ROAD, WEST RYDE -
SAFER ROAD PROGRAM 2019/2020 - DESIGN REVIEW
- (W) 2019 RTC MEETING DATES
- (X) COBHAM AVENUE, MELROSE PARK - PEDESTRIAN REFUGE -
DEVELOPMENT RELATED

MATTERS FOR TRAFFIC ENGINEERING ADVICE

- (Y) TOP RYDE, RYDE - CONSTRUCTION OF 40KM/H HPAA
- (Z) MATTERS APPROVED UNDER DELEGATION

LATE ITEMS

- LATE ITEM 1 WORK ZONE FOR DEVELOPMENT SITE AT
210-216 VICTORIA ROAD, GLADESVILLE
- LATE ITEM 2 139 BOWDEN STREET, MEADOWBANK –
SIGNAGE & LINEMARKING PLAN

GENERAL BUSINESS

**ITEM (A) WASTE COLLECTION - FRIDAY - LGA**

SUBJECT: WASTE COLLECTION - FRIDAY - LGA
ELECTORATE: LANE COVE and RYDE
WARD: WEST, CENTRAL and EAST
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: T2018-01712
OFFICER: M ABDAT

INTRODUCTION

Council has been advised by its waste collection contractor that its ability to meet the service level agreement for collecting household waste is being compromised by accessibility issues associated with narrow streets with high parking occupancies, and manoeuvring issues due to turning areas especially in cul-de-sacs being parked out. Subsequently, this item seeks approval to install 'NO PARKING: 5am-11am, Fri' in a number of roads within the Friday collection area.

Garbage drivers have been forced to reverse significant distances down narrow streets which is generating OHS issues for its staff, whilst also increasing the instances of damage being caused to parked vehicles.

Council staff has worked with the waste service provider in producing a register of roads documenting which ones have constraints. To date 50 roads and 38 cul-de-sacs have been identified as having accessibility issues requiring attention.

CONTEXT

- Council has the responsibility to collect residential waste under the *Local Government Act 1993*, the right to intervene in public-health matters under the *Public Health Act 2010* and WH&S responsibilities to contractors under the *Work Health and Safety Act 2011*.
- Council meets these obligations through a waste-collection contractor. The contract allows the waste-collection contractor to service bins anytime between 5am and 11am on designated weekdays.
- Council's Road Register indicates that 50 of Council's roads are considered "narrow" in the City of Ryde. 38 cul-de-sacs have been identified in the City of Ryde.
- Friday waste collection has service coverage of 159 roads. Four roads of the 159 have been raised for servicing issues by Council's waste department and waste contractor.
- Increases in population and private-car ownership, beyond off-street parking capacity, has led to increasing numbers of vehicles being parked on-street, causing access problems for the waste-collection contractor service narrow roads in the City of Ryde.



REFERENCES

- *NSW Road Rules 2014 Rule 168 No parking signs*
- *Local Government Act 1993*
- *Public Health Act 2010*
- *Work Health and Safety Act 2011*
- *City of Ryde's Road Register.*

COMMUNITY ENGAGEMENT AND DISCUSSION

The occupants of 236 properties were notified of a proposal to install 'NO PARKING: 5am-11am Fri' in sections of the following streets that would affect the least number of parking spaces:

- Sunhill Place, North Ryde
- Scott Street, Marsfield
- Crimea Road, Marsfield
- Cherry Court, Marsfield

Summary of results from consultation provided below with more details for each site following.

Location	Sunhill Place	Scott Street	Crimea Road	Cherry Court
Surveys distributed	19	12	195	10
Responses received	6	2	21	0
Support	5	2	8	0
Do Not Support	1	0	13	0

Sunhill Place, North Ryde:

Sunhill Place has a carriageway width of approximately 6.5 metres, with a resident parking scheme operating on both sides of the street. The waste-collection contractor has identified Sunhill Place as experiencing high parking occupancy, which inhibits access for its vehicles. All properties in Sunhill Place have off-street parking.

The occupants of 19 properties were surveyed for a proposal to install 'NO PARKING: 5am-11am Fri' on the western side of Sunhill Place extending around the cul-de-sac. One response has been received in opposition to the proposed changes. Five responses have been received in support of the proposed changes.

The occupant that did not support the proposed changes felt that there was sufficient room for the waste contractor to service the street.



It is recommended that Council proceed with installing 'NO PARKING: 5am-11am Fri' on the western side of Sunhill Place extending around the cul-de-sac as per the attached plan.

Scott Street, Marsfield:

Scott Street has a carriageway width of approximately 7 metres, with resident parking scheme restrictions operating on both sides of the road including the cul-de-sac. The waste-collection contractor has identified Scott Street as experiencing high parking occupancy, which restricts access for its vehicles. All properties in Scott Street have access to off-street parking.

The occupants of 12 properties were surveyed regarding a proposal to install 'NO PARKING: 5am-11am Fri' on the southern side of Scott Street extending around the cul-de-sac. Only two responses have been received, both in support of the proposal.

It is recommended that Council proceed with installing 'NO PARKING: 5am-11am Fri' on the southern side of Scott Street extending around the cul-de-sac as per the attached plan.

Crimea Road, Marsfield:

Crimea Road has a carriageway width of approximately 10.5 metres, with unrestricted parking operating on both sides of the road. The cul-de-sac end has 90 degree angled parking around the radius. The waste-collection contractor has identified Crimea Road as experiencing high parking occupancy, which inhibits access for its vehicles around the cul-de-sac. All the impacted properties have access to off-street parking as per Council's Development Control Plans.

The occupants of 195 properties were surveyed for a proposal to install 'NO PARKING: 5am-11am Fri' around the cul-de-sac of Crimea Road. Thirteen responses have been received in opposition to the proposed changes. Eight responses have been received in support of the proposed changes.

The occupants that did not support the proposed changes raised the following concerns:

- There is sufficient space for the waste truck to access and service the bins as has been undertaken in the past.
- Use smaller waste-collection vehicles.
- Delay the commencing time of the parking restriction to allow for overnight parking.
- High demand for parking in the cul-de-sac.

The following commentary is supplied in response to the concerns raised:

- The waste contractor together with Council's Waste department has identified this street among the narrow streets to be one which inhibits waste truck access.
- The use of smaller vehicles would result in higher costs to Council, which would be passed onto land owners via the Environmental Management component of Council rates.



- The waste-collection contract does not allow City of Ryde to dictate the time of day particular streets must be collected.

A resident who supported the proposal suggested that additional parking restrictions be installed; however given the level of opposition to this proposal at this stage no additional parking restrictions will be pursued.

It is recommended that Council proceed with installing 'NO PARKING: 5am-11am Fri' around the cul-de-sac of Crimea Road as per the attached plan.

Cherry Court, Marsfield:

Cherry Court has a carriageway width of approximately 7 metres, with unrestricted parking on both sides including the cul-de-sac. The waste-collection contractor has identified Cherry Court as experiencing high parking occupancy, which inhibits access for its vehicles. All properties in Cherry Court have off-street parking.

The occupants of 10 properties were surveyed for a proposal to install 'NO PARKING: 5am-11am Fri' on the western side of Cherry Court extending around the cul-de-sac as per the attached plan. No responses have been received for the proposed changes.

It should be noted that in addition to the proposal, Council is also taking this opportunity to address deficiencies in signage associated with statutory NO STOPPING restrictions.

It is recommended that Council proceed with installing 'NO PARKING: 5am-11am Fri' on the western side of Cherry Court extending around the cul-de-sac as per the attached plan.

APPROVALS

Should the proposed measures be supported by Ryde Traffic Committee, it is intended that the matter be referred to the Works and Community Committee for consideration of the Council and seek the remaining approvals.

PROPOSAL

To install:

1. 'NO PARKING 5AM-11AM FRI' in:
 - a. Sunhill Place, North Ryde;
 - b. Scott Street Marsfield;
 - c. Crimea Road; Marsfield; and
 - d. Cherry Court, Marsfieldas per the attached plans.
2. Appropriate statutory 'NO STOPPING' as per attached plans.

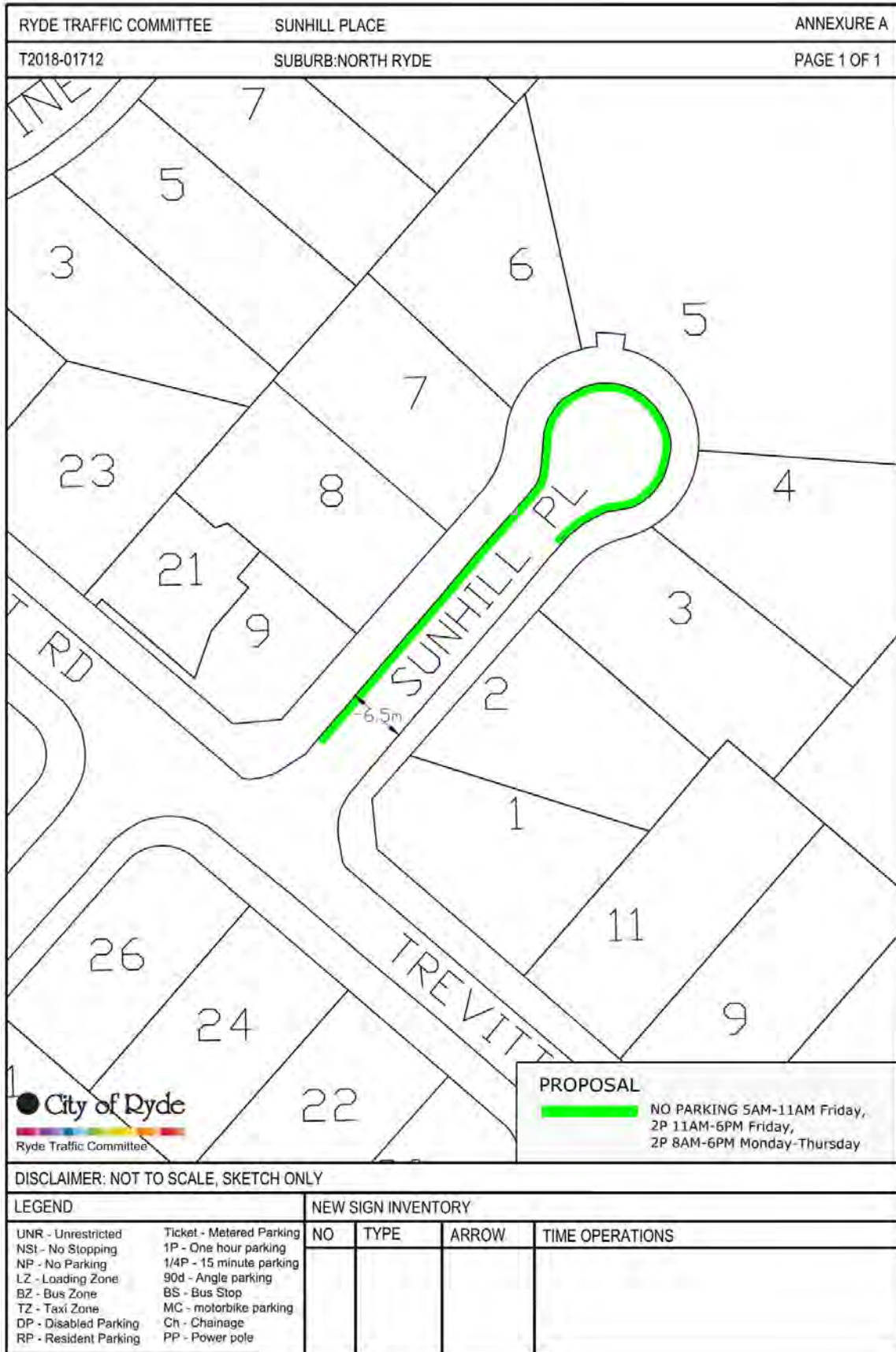


Figure A1 – Sunhill Place

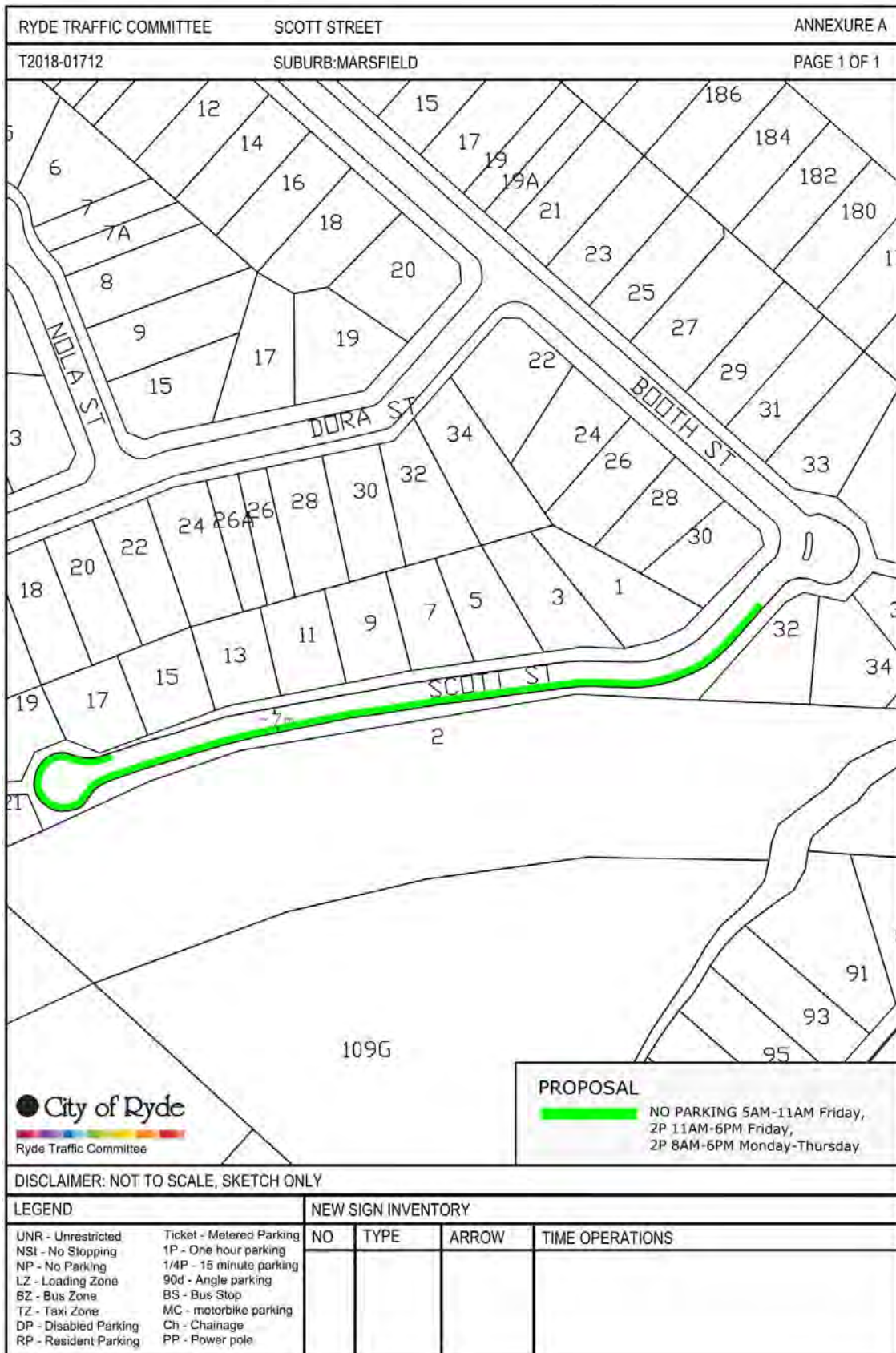


Figure A2 – Scott Street

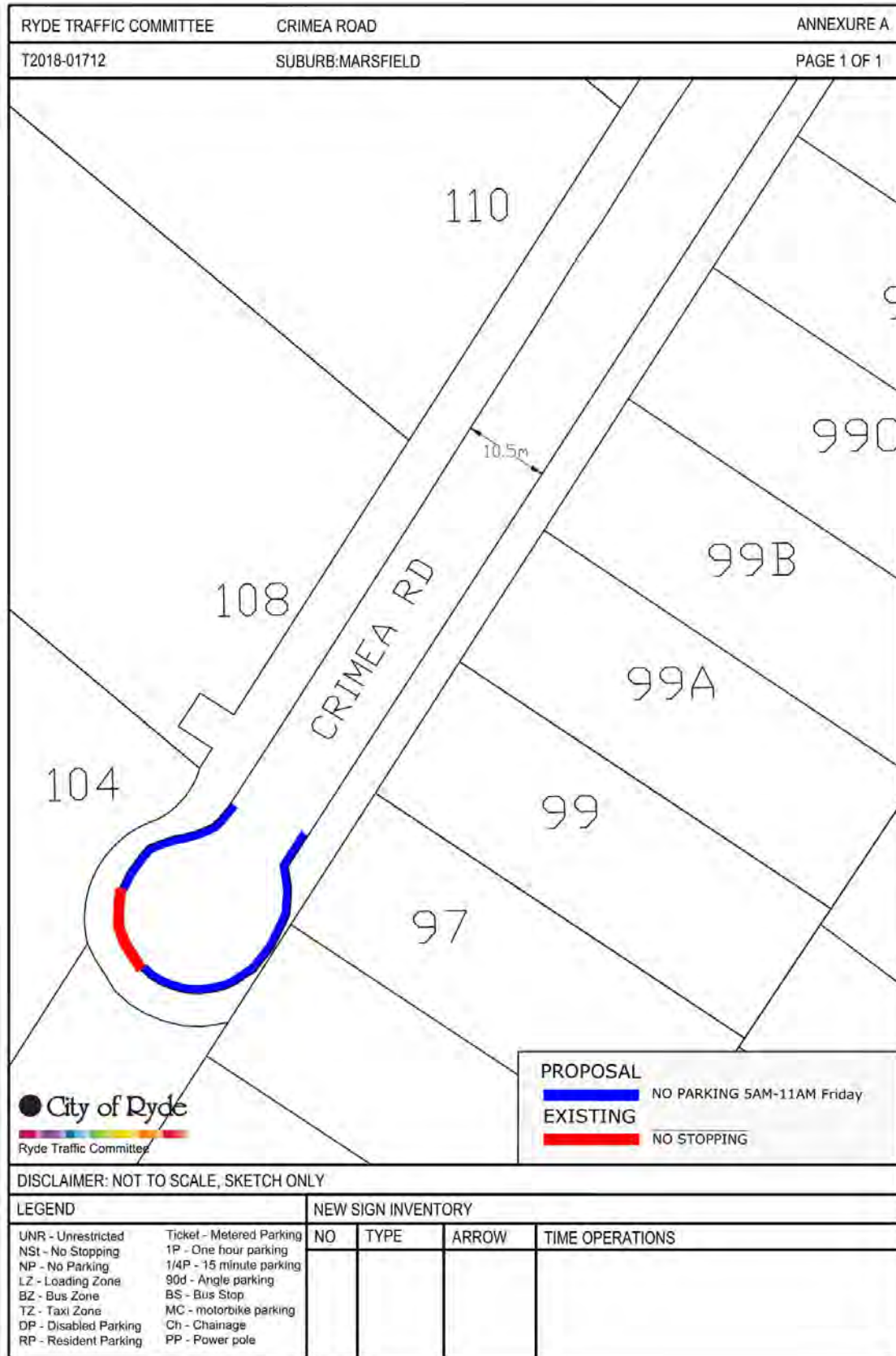


Figure A3 – Crimea Road

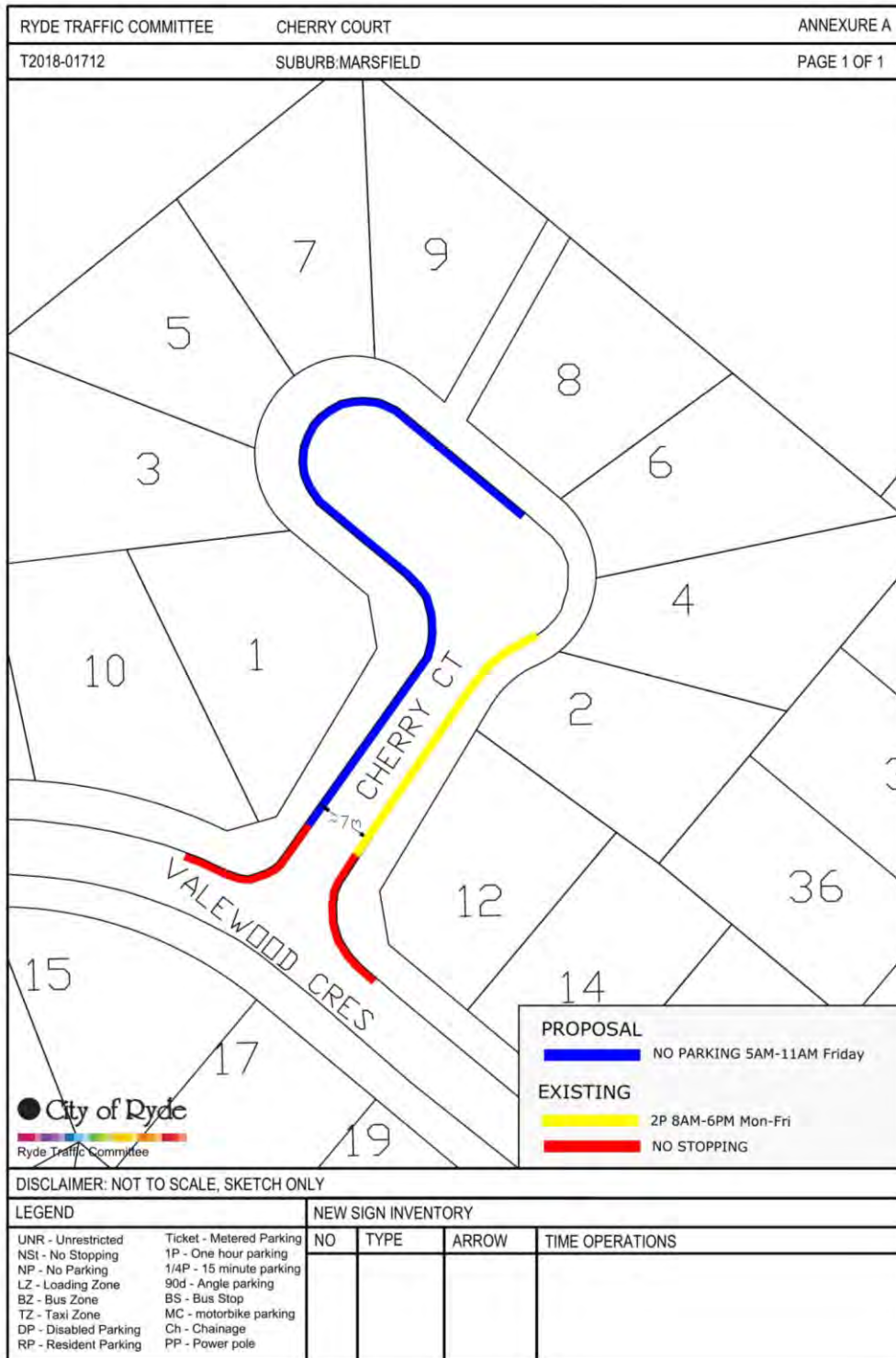


Figure A4 – Cherry Court
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**ITEM (B) WASTE COLLECTION – TUE –
EILEEN STREET & WATT AVENUE, RYDE**

SUBJECT: WASTE COLLECTION ACCESS
ELECTORATE: RYDE
WARD: CENTRAL
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: T2018-01822
OFFICER: M ABDAT

INTRODUCTION

Council has been advised by its waste collection contractor that its ability to meet the service level agreement for collecting household waste is being compromised by accessibility issues associated with narrow streets with high parking occupancies, and manoeuvring issues due to turning areas especially in cul-de-sacs being parked out. Subsequently, this item seeks approval to install 'NO PARKING: 5am-11am, Tue' in a number of roads within the Tuesday collection area.

Garbage drivers have been forced to reverse significant distances down narrow streets which is generating OHS issues for its staff, whilst also increasing the instances of damage being caused to parked vehicles.

Council staff has worked with the waste service provider in producing a register of roads documenting which ones have constraints. To date 50 roads and 38 cul-de-sacs have been identified as having accessibility issues requiring attention.

The Tuesday waste collection area was considered at the February 2018 traffic committee. These two streets were subsequently identified by council's waste collection contractor as having similar issues, as such this item seeks approval to install 'NO PARKING: 5am-11am, Tue' on two additional roads within the Tuesday collection area.

CONTEXT

- Council has the responsibility to collect residential waste under the *Local Government Act 1993*, the right to intervene in public-health matters under the *Public Health Act 2010* and WH&S responsibilities to contractors under the *Work Health and Safety Act 2011*.
- Council meets these obligations through a waste-collection contractor. The contract allows the waste-collection contractor to service bins anytime between 5am and 11am on designated weekdays.
- Tuesday waste collection has service coverage of 169 roads. Council's Road Register indicates that 50 of Council's roads are considered "narrow" in the City of Ryde. 38 cul-de-sacs have been identified in the City of Ryde.



- Increases in population and private-car ownership, beyond off-street parking capacity, has led to increasing numbers of vehicles being parked on-street, causing access problems for the waste-collection contractor service narrow roads in the City of Ryde.

REFERENCES

- *NSW Road Rules 2014 Rule 168 No parking signs*
- *Local Government Act 1993*
- *Public Health Act 2010*
- *Work Health and Safety Act 2011*
- *City of Ryde's Road Register.*

COMMUNITY ENGAGEMENT / DISCUSSION

The occupants of 33 properties were surveyed for a proposal to install 'NO PARKING: 5am-11am Tue' on the side of the following streets that would affect the least number of parking spaces:

- Eileen Street, Ryde,
- Watt Avenue, Ryde

Six responses have been received in support of the proposed changes and no responses have been received in opposition to the proposed changes. A summary of results is provided in Table B1, with more details for each site following.

Table B1 Summary of survey results

Road	Eileen Street	Watt Avenue	Total
Surveys distributed	10	23	33
Responses received	2	4	6
Support	1	4	5
DO NOT support	1	0	1
Undecided	0	0	0
Not specified	8	19	27

**Eileen Street, Ryde:**

Eileen Street has a carriageway width of approximately 7 metres, with unrestricted parking on both sides. There are currently no parking controls in Eileen Street and all properties have off-street parking.

The occupants of 10 properties were surveyed regarding the proposal to install 'NO PARKING: 5am-11am Tue' on the eastern side of Eileen Street extending around the cul-de-sac. Two responses were received, one in favour and one against. The resident who was against the proposal wanted less restricted hours. However, as noted in a previous report, Council has no control over the specific time period which waste-collection occurs and in that regard, an appropriate collection time interval has been established.

It is recommended that Council proceed with installing 'NO PARKING: 5am-11am Tue' on the eastern side of Eileen Street extending around the cul-de-sac as per the attached plan.

It should be noted that in addition to the proposal, Council is also taking this opportunity to address deficiencies in signage associated with statutory NO STOPPING restrictions.

Watt Avenue; Ryde:

Watt Avenue has a carriageway width of approximately 7 metres, with unrestricted parking on both sides. There are currently no parking controls in Watt Avenue and all properties in Watt Avenue have off-street parking.

The occupants of 23 properties were notified of the proposal to install 'NO PARKING: 5am-11am Tue' on the eastern end of Watt Avenue. Four responses were received who were all in support of the proposed changes.

Given that no responses were received in opposition to the proposed changes, it is recommended that Council proceed with installing 'NO PARKING: 5am-11am Tue' on Watt Avenue east of Pratten Avenue as per the attached plan.

It should be noted that in addition to the proposal, Council is also taking this opportunity to address deficiencies in signage associated with statutory NO STOPPING restrictions.

APPROVALS

Should the proposed measures be supported by Ryde Traffic Committee, it is intended that the matter be referred to the Works and Community Committee for consideration of the Council and seek the remaining approvals.

PROPOSALTo install:

1. 'NO PARKING: 5am-11am Tue' zones on Eileen Street and Watt Avenue, Ryde as per attached plans.
2. Appropriate statutory 'NO STOPPING' as per attached plans.

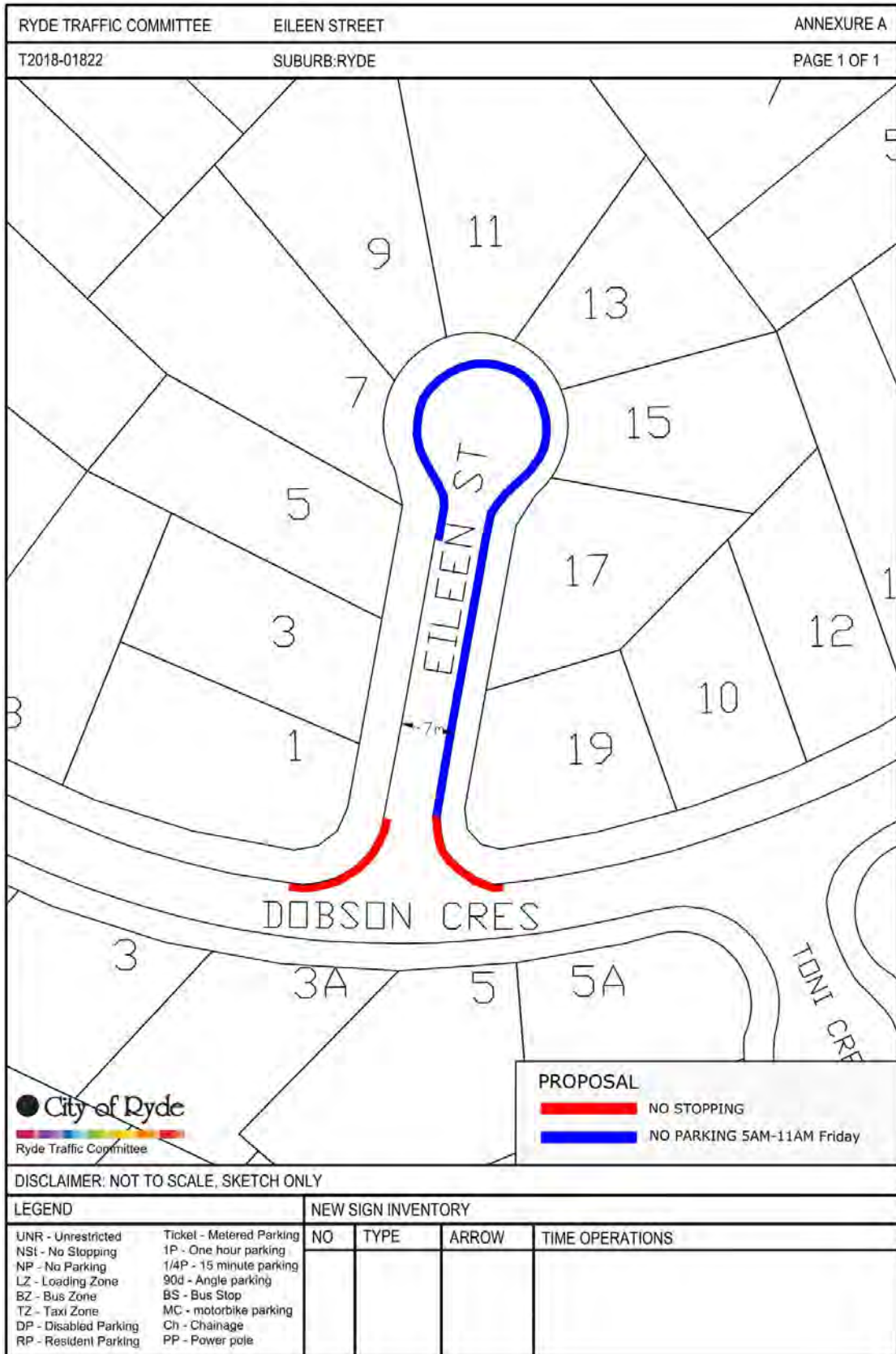


Figure B1 – Eileen Street

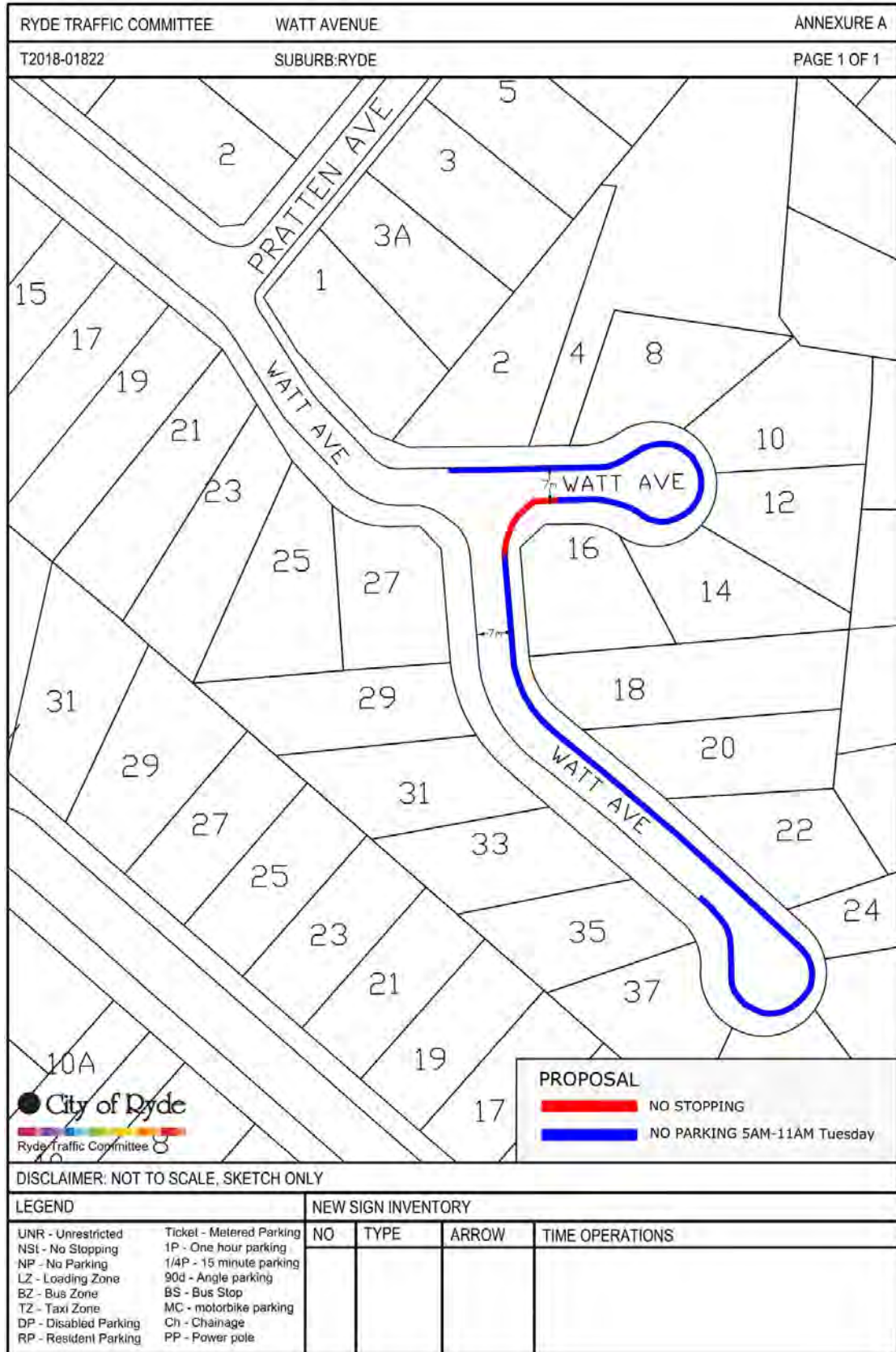


Figure B2 – Watt Avenue

**ITEM (C) PARK AVENUE, WEST RYDE**

SUBJECT: **WASTE VEHICLE ACCESS**
ELECTORATE: RYDE
WARD: WEST
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: T2018-01709
OFFICER: A HERATH

PURPOSE OF REPORT

To obtain approval for a part time 'NO PARKING' restriction to be installed on Park Avenue, West Ryde to assist the waste collection contractor in servicing the street.

BACKGROUND

Council has been advised by its waste collection contractor that its ability to meet the service level agreement for collecting household waste is being compromised by accessibility issues associated with narrow streets with high parking occupancies, and manoeuvring issues due to turning areas especially in cul-de-sacs being parked out.

Garbage drivers have been forced to reverse significant distances down narrow streets which is generating OHS issues for its staff, whilst also increasing the instances of damage being caused to parked vehicles.

Council staff has worked with the waste service provider in producing a register of roads documenting which ones have constraints. To date 50 roads and 38 cul-de-sacs have been identified as having accessibility issues requiring attention.

A proposal to install 'NO PARKING: 5am-11am, Wed' on the northern side of Park Avenue was reported to the June 2018 Ryde Traffic Committee. As part of this consultation, 4 responses were received from the 8 properties in Park Avenue, all of whom agreed that instead of part time restrictions, full time No Parking restrictions would be more appropriate to improve accessibility to/from the street.

CONTEXT

- Council has the responsibility to collect residential waste under the *Local Government Act 1993*, the right to intervene in public-health matters under the *Public Health Act 2010* and WH&S responsibilities to contractors under the *Work Health and Safety Act 2011*.
- Council meets these obligations through a waste-collection contractor. The contract allows the waste-collection contractor to service bins anytime between 5am and 11am on designated weekdays.



- Council's Road Register indicates that 50 out of 150 Council's roads are considered "narrow" in the City of Ryde. 38 cul-de-sacs have been identified in the City of Ryde.
- Increases in population and private-car ownership, beyond off-street parking capacity, has led to increasing numbers of vehicles being parked on-street, causing access problems for the waste-collection contractor service narrow roads in the City of Ryde.

REFERENCES

- *NSW Road Rules 2014 Rule 168 No parking signs*
- *Local Government Act 1993*
- *Public Health Act 2010*
- *Work Health and Safety Act 2011*
- *City of Ryde's Road Register.*

COMMUNITY ENGAGEMENT

The properties in Park Avenue were re-consulted regarding the installation of a full-time 'No Parking' restriction on the northern side of Park Avenue. As no responses were received, the original recommendation of part-time 'NO PARKING: 5am-11am, WED' on the northern side of Park Avenue, will be progressed.

APPROVALS

Should the proposed measures be supported by Ryde Traffic Committee, it is intended that the matter be referred to the Works and Community Committee for consideration of the Council and seek the remaining approvals.

PROPOSAL

Install 'NO PARKING: 5am-11am WED' restriction on the northern side of Park Avenue, West Ryde as per the attached plan.

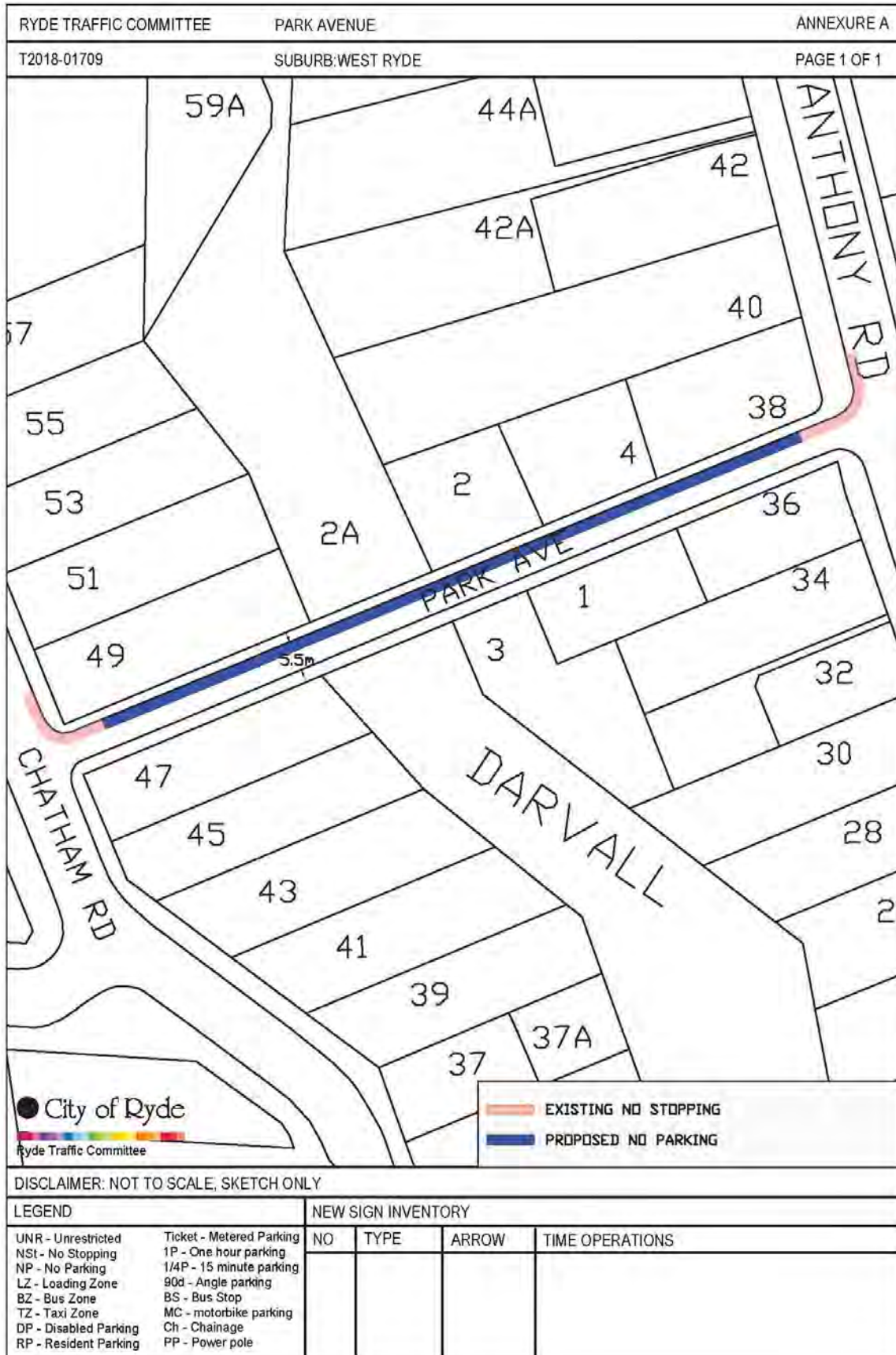


Figure C1: Proposed No Parking restrictions

**ITEM (D) MAYCOCK STREET, DENISTONE EAST**

SUBJECT: WASTE VEHICLE ACCESS
ELECTORATE: RYDE
WARD: WEST
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: T2018-01711
OFFICER: A HERATH

PURPOSE OF REPORT

To obtain approval for a part time 'NO PARKING' restriction to be installed on Maycock Street, Denistone East to assist the waste collection contractor in servicing the street.

BACKGROUND

Council has been advised by its waste collection contractor that its ability to meet the service level agreement for collecting household waste is being compromised by accessibility issues associated with narrow streets with high parking occupancies, and manoeuvring issues due to turning areas especially in cul-de-sacs being parked out.

Garbage drivers have been forced to reverse significant distances down narrow streets which is generating OHS issues for its staff, whilst also increasing the instances of damage being caused to parked vehicles.

Council staff has worked with the waste service provider in producing a register of roads documenting which ones have constraints. To date 50 roads and 38 cul-de-sacs have been identified as having accessibility issues requiring attention.

A proposal to install 'NO PARKING: 5am-11am, Wed' in Maycock Street was reported to June 2018 Traffic Committee. In the consultation survey, only one response was received from the 7 properties in Maycock Street, therefore it was decided to resurvey the residents.

CONTEXT

1. Council has the responsibility to collect residential waste under the *Local Government Act 1993*, the right to intervene in public-health matters under the *Public Health Act 2010* and WH&S responsibilities to contractors under the *Work Health and Safety Act 2011*.
2. Council meets these obligations through a waste-collection contractor. The contract allows the waste-collection contractor to service bins anytime between 5am and 11am on designated weekdays.
3. Increases in population and private-car ownership, beyond off-street parking capacity, has led to increasing numbers of vehicles being parked on-street, causing access problems for the waste-collection contractor servicing narrow roads in the City of Ryde



REFERENCES

- *NSW Road Rules 2014 Rule 168 No parking signs*
- *Local Government Act 1993*
- *Public Health Act 2010*
- *Work Health and Safety Act 2011*
- *City of Ryde's Road Register.*

COMMUNITY ENGAGEMENT

The properties in Maycock Street were re-consulted regarding the original proposal to install 'NO PARKING: 5am-11am Wed' on the western side of Maycock Street including the cul-de-sac. No responses were received.

As unhindered access for waste collection is still an issue, it is proposed to proceed with the original proposal to install 'NO PARKING: 5am-11am, Wed' in Maycock Street as per the attached plan.

APPROVALS

Should the proposed measures be supported by Ryde Traffic Committee, it is intended that the matter be referred to the Works and Community Committee for consideration of the Council and seek the remaining approvals.

PROPOSAL

Install a 'NO PARKING: 5am-11am Wed' zone on the western side of Maycock Street including the cul-de-sac as per the attached plan.

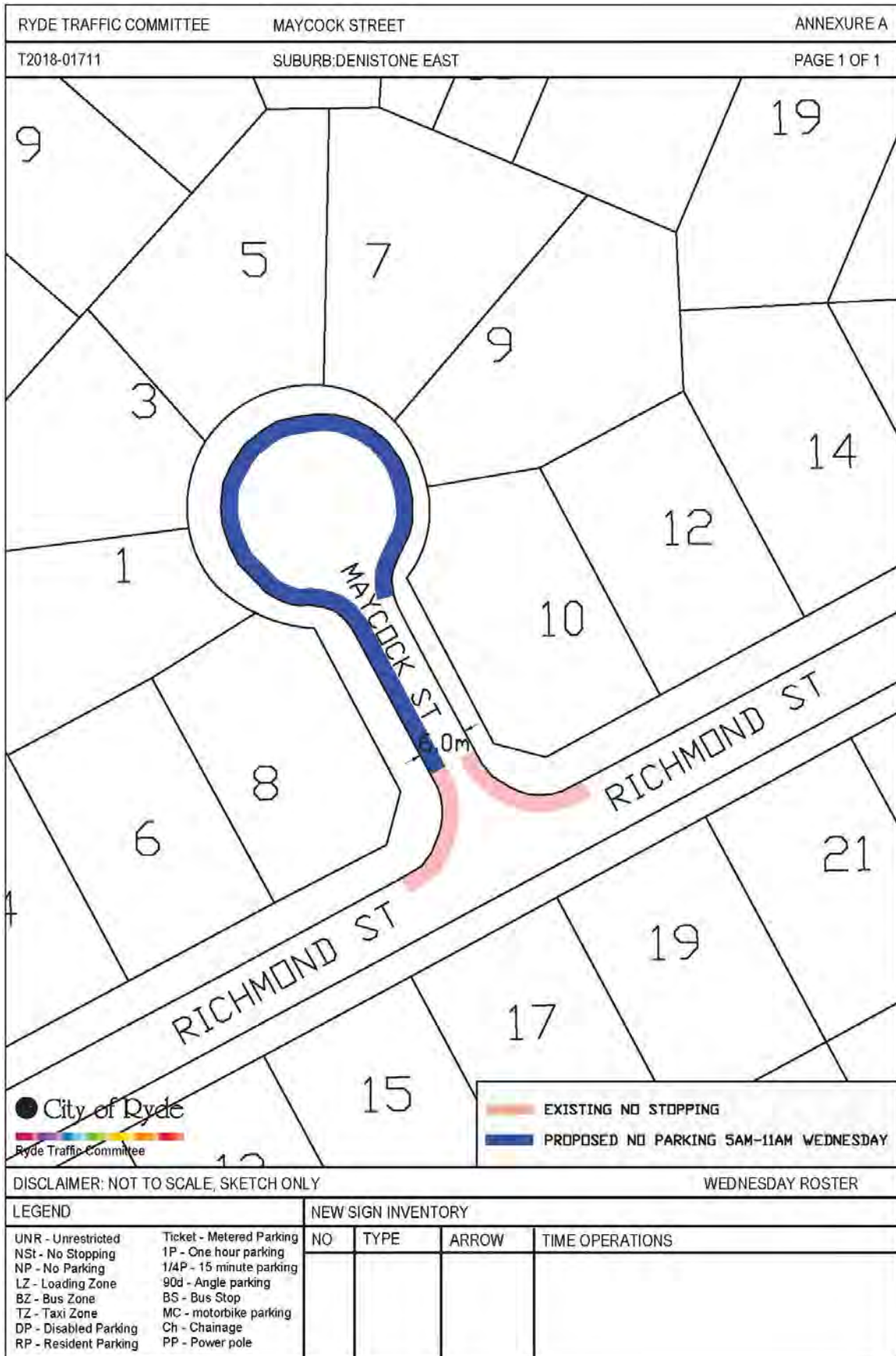


Figure D2: Proposed No Parking restrictions

**ITEM (E) AVON ROAD, NORTH RYDE**

SUBJECT: CHANGE IN PARKING RESTRICTION
ELECTORATE: RYDE
WARD: EAST
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: T2018-02100
OFFICER: A HERATH

INTRODUCTION

City of Ryde has received written correspondence from a business in the Avon Road Village Centre regarding the existing 2P time restricted parking. The business representative advised that the 2-hour limit does not meet the business' needs as its patrons require longer than 2 hours for some of the services it provides.

BACKGROUND

The Avon Road Village Centre, Nos.1-15B Avon Road, is home to a variety of businesses that all have different needs when it comes to providing parking for customers.

Council is proposing to convert 4 of the angled parking spaces from 2 hour parking to 3 hour parking. The four 3P parking spaces would be divided into 2 zones of 2 spaces each, at either end of the existing parking zone. The new 3P parking spaces would also be in force for a longer time period, i.e.; 3P 8.00am-6.00pm Mon-Sat.

CONTEXT

- Currently, the angle parking zone outside the Avon Road Village Centre is divided into the following time restricted zones:
 - a. 2-hour parking, "8.30am-6pm Mon-Fri, 8.30am-12.30pm Sat" (17 spaces),
 - b. 15-min parking: "8.30am-6pm Mon-Fri, 8.30am-12.30pm Sat" (2 spaces) and
 - c. Mail Zone (1 space).
- Surrounding streets generally have 2-hour Resident parking restrictions on one side of the street with unrestricted parking on the other side.



COMMUNITY ENGAGEMENT

Surveys were distributed to the properties in the Avon Road Village Centre to determine the level of support for the installation of:

- a '3P: 8am-6pm Mon-Sat' parking restriction in two angle parking spaces on both ends of the parking zone, outside the Avon Road Village Centre

The proposal is shown on the attached plan.

Table 1 Summary of survey results

Location	Avon Road Village Centre
Surveys distributed	18
Responses received	5
Support	4
DO NOT support	0
Undecided	1

DISCUSSION

Amongst the responses received, all except one respondent supported the proposal. The respondent, who didn't support, claimed that she is a resident and requested a parking permit to park in the Resident Parking Permit area in nearby streets. It should be noted that the subject parking zone, outside the Village Centre, is not part of a Resident Parking Scheme.

As there was a clear majority in support of the proposal, it is recommended that Council proceeds with the proposal.

APPROVALS

Should the proposed measures be supported by Ryde Traffic Committee, it is intended that the matter be referred to the Works and Community Committee for consideration of the Council and seek the remaining approvals.

PROPOSAL

It is proposed to install a 3-hour Parking: 8am-6pm Mon-Sat' parking restriction in four angle parking spaces (two angle parking spaces at either end) of the parking zone, outside the Avon Road Village Centre at Nos.1-15B Avon Road (between Barr Street and Cam Street), North Ryde.

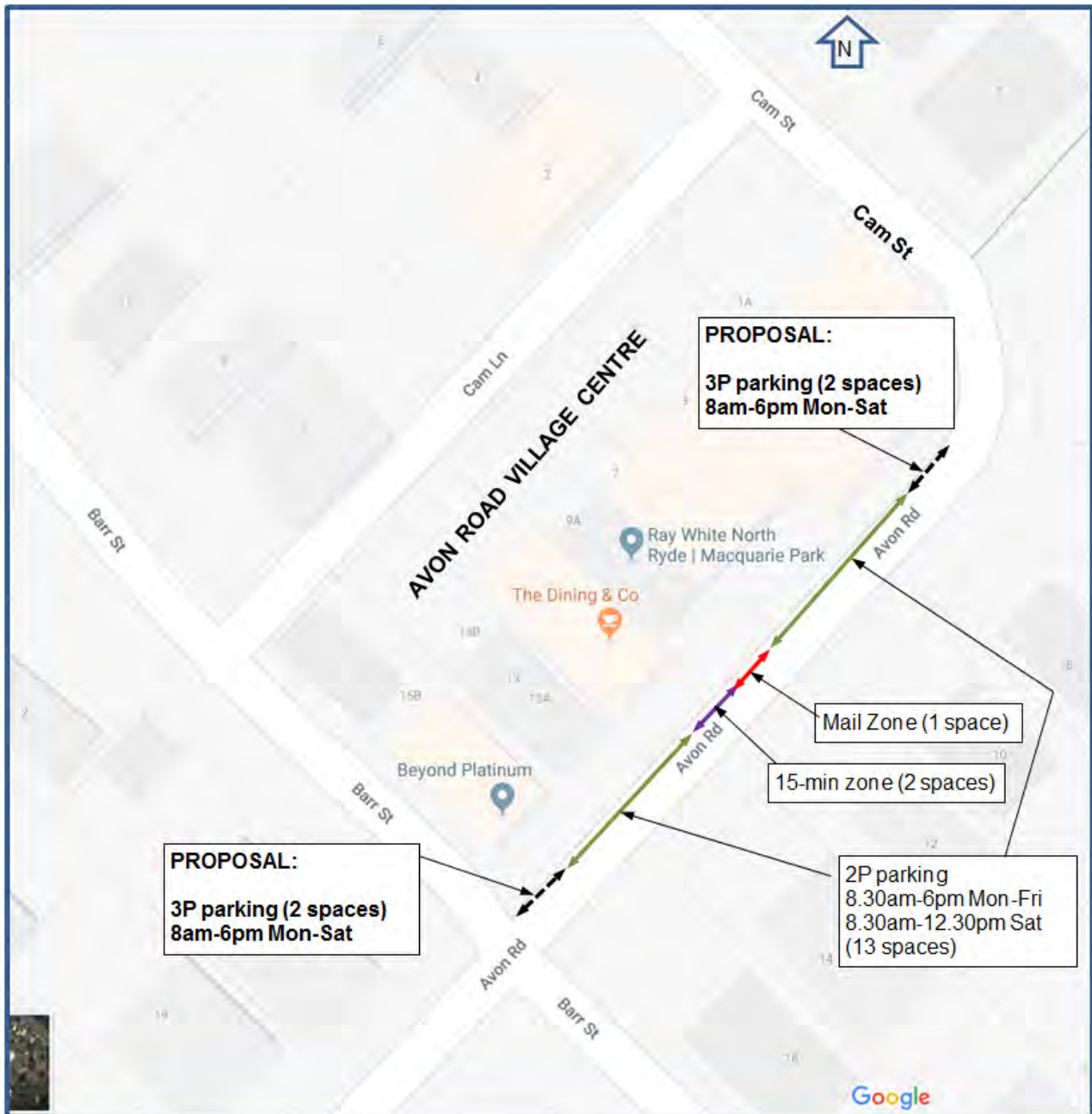


Figure E1

**ITEM (F) MARKET STREET, WEST RYDE**

SUBJECT: 'P DISABILITY ONLY' ZONE
ELECTORATE: RYDE
WARD: WEST
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: T2018-01438
OFFICER: M ILYAS

INTRODUCTION

City of Ryde has received representation from West Ryde Chamber of Commerce requesting whether disabled parking spaces could be provided on any of the following streets: Anthony Road, Anthony Lane, Market Street and Graf Avenue, West Ryde to improve accessibility for the residents attending West Ryde Library and surrounding businesses.

CONTEXT

- Market Street is 12.5 metre wide, which includes a 3.3 metre wide parking lane.
- Market Street has delineated parking bays of varying time restrictions.
- There is an existing kerb ramp near the proposed 'P DISABILITY ONLY' zone.

REFERENCES

- *Road Rules 2014 Rule 203 Stopping in a parking area for people with disabilities*
- *Road Rules 2014 Rule 206 Time extension for people with disabilities*
- *Australian Standards' AS2890.5 - Section 4.5 - On Street Parking - Parking for people with disabilities*

COMMUNITY ENGAGEMENT

The occupants of 81 businesses were consulted to install a 'P DISABILITY ONLY' zone, 'GIVE WAY' and double barrier lines as shown in *Figure F1 & F2*. The only response received from 1 Chatham Road, West Ryde was in support of the provision of a disabled parking space on Market Street.

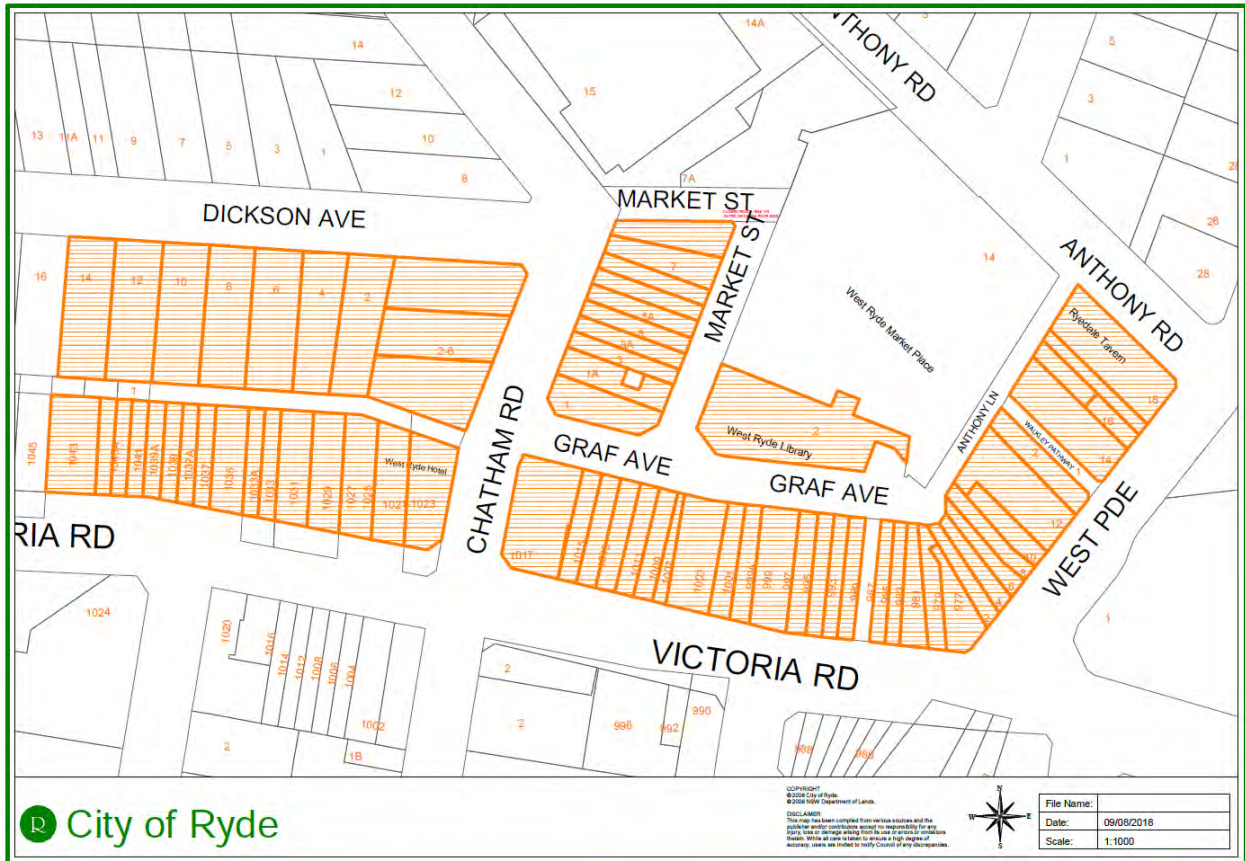


Figure F1 Community engagement distribution

DISCUSSION

Following an onsite meeting with representatives of the West Ryde Chamber of Commerce, Council assessed a number of streets in the West Ryde Town Centre as to their suitability for the provision of a disabled parking space.

It was determined that the P5 minute parking space in Market Street at Graf Avenue was a suitable location for a disabled parking space, due to its extended length and proximity to a kerb ramp. A new P5 minute space would then be located behind the proposed disabled parking space.

To formalise and improve the flow of traffic through this intersection, 5 metres of double barrier lines would be installed on Market Street at its intersection with Graf Avenue, in addition to delineating GIVE WAY signage and linemarking at the intersection itself.

The proposed changes are shown on the attached plan.



APPROVALS

Should the proposed measures be supported by Ryde Traffic Committee, it is intended that the matter be referred to the Works and Community Committee for consideration of the Council and seek the remaining approvals.

PROPOSAL

To install the following works as per the attached plan:

1. Convert the existing P5 minute parking space on Market Street to a 'P DISABILITY ONLY' parking space.
2. Relocate the P5 minute parking space directly behind the new 'P DISABILITY ONLY' parking space.
3. Install 5 metre double barrier lines on Market Street at the intersection with Graf Avenue.
4. Install GIVE WAY linemarking and signage on Market Street at the intersection with Graf Avenue.

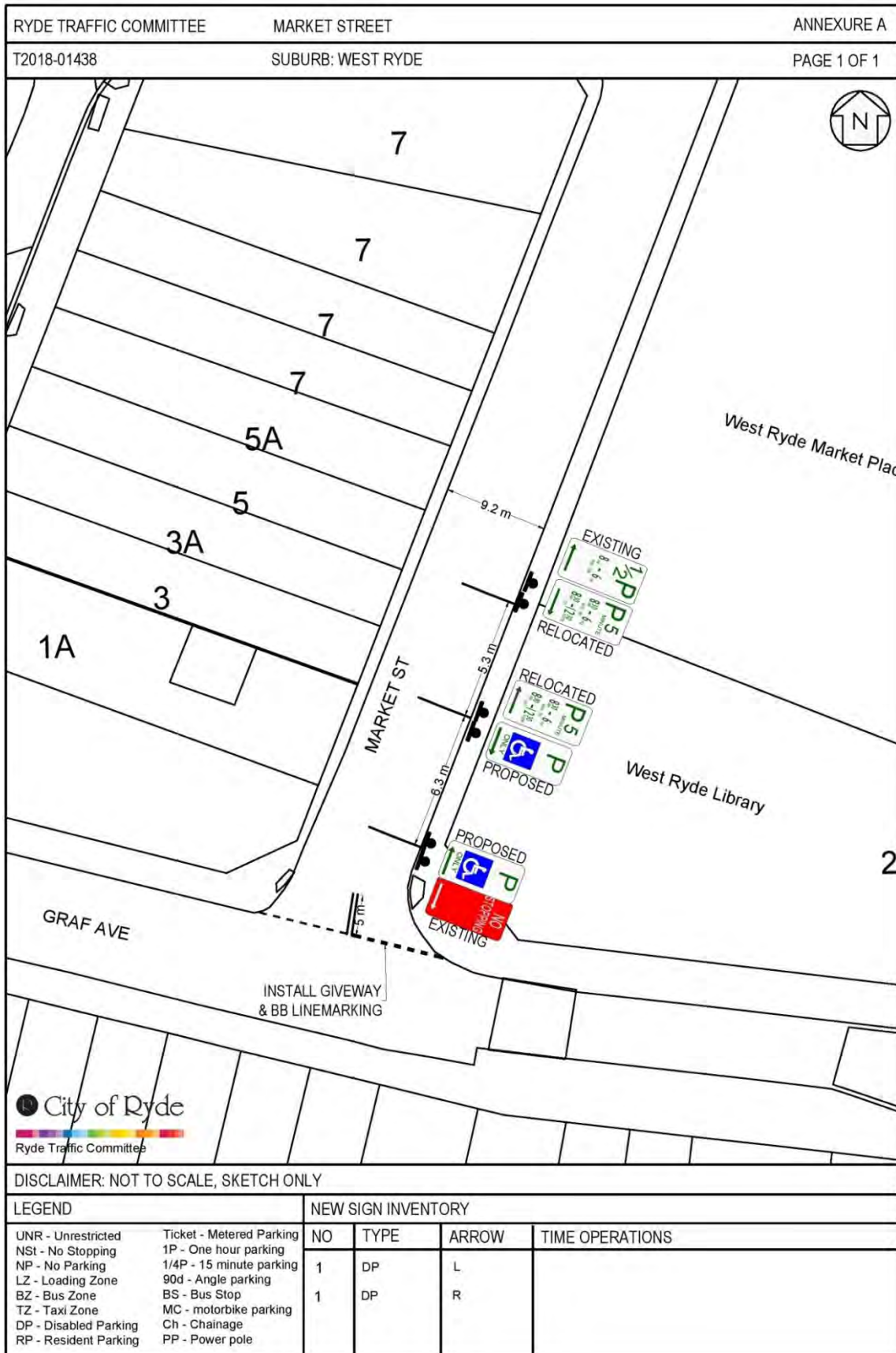


Figure F2 Proposed 'P Disability' Zone

**ITEM (G) BELMORE STREET, RYDE**

SUBJECT: NO STOPPING ACROSS DRIVEWAYS
ELECTORATE: RYDE
WARD: CENTRAL
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: D18/130978 & T2018-01301
OFFICER: M ILYAS

INTRODUCTION

Council has received representation from a resident of the apartment block at 39 to 45 Belmore Street, Ryde requesting consideration be given to installing a 'NO STOPPING' zone across the two driveways outside 39 to 45 Belmore Street, Ryde in lieu of the existing 'NO PARKING' zone.

CONTEXT

- Belmore Street is approximately 11 metre wide
- The existing driveways are currently located within a 'NO PARKING – 5am to 11am MON to FRI' zone

REFERENCES

- *[NSW] Road Rules 2014 Rule 167 No Stopping signs*

COMMUNITY ENGAGEMENT

Given that the proposed 'NO STOPPING' zones are across driveways, no consultation was undertaken, however, affected residents were notified of the proposed changes.

DISCUSSION

Council had previously installed driveway delineation linemarking near the driveways of 39 to 45 Belmore Street, Ryde to improve vehicles access. This was an interim measure, until further controls could be approved and installed as part of other signage and linemarking works in the area.

As Council is still waiting submissions from Holdmark for nearby signage and linemarking works, Council is now proposing to install 'NO STOPPING' zones across, and next to, the two driveways of 39 to 45 Belmore Street, Ryde as per the attached plan.

APPROVALS

Should the proposed measures be supported by Ryde Traffic Committee, it is intended that the matter be referred to the Works and Community Committee for consideration of the Council and seek the remaining approvals.

PROPOSAL

To install 'NO STOPPING' zones across the two driveways serving the development at 39 to 45 Belmore Street, Ryde as per the attached plan.

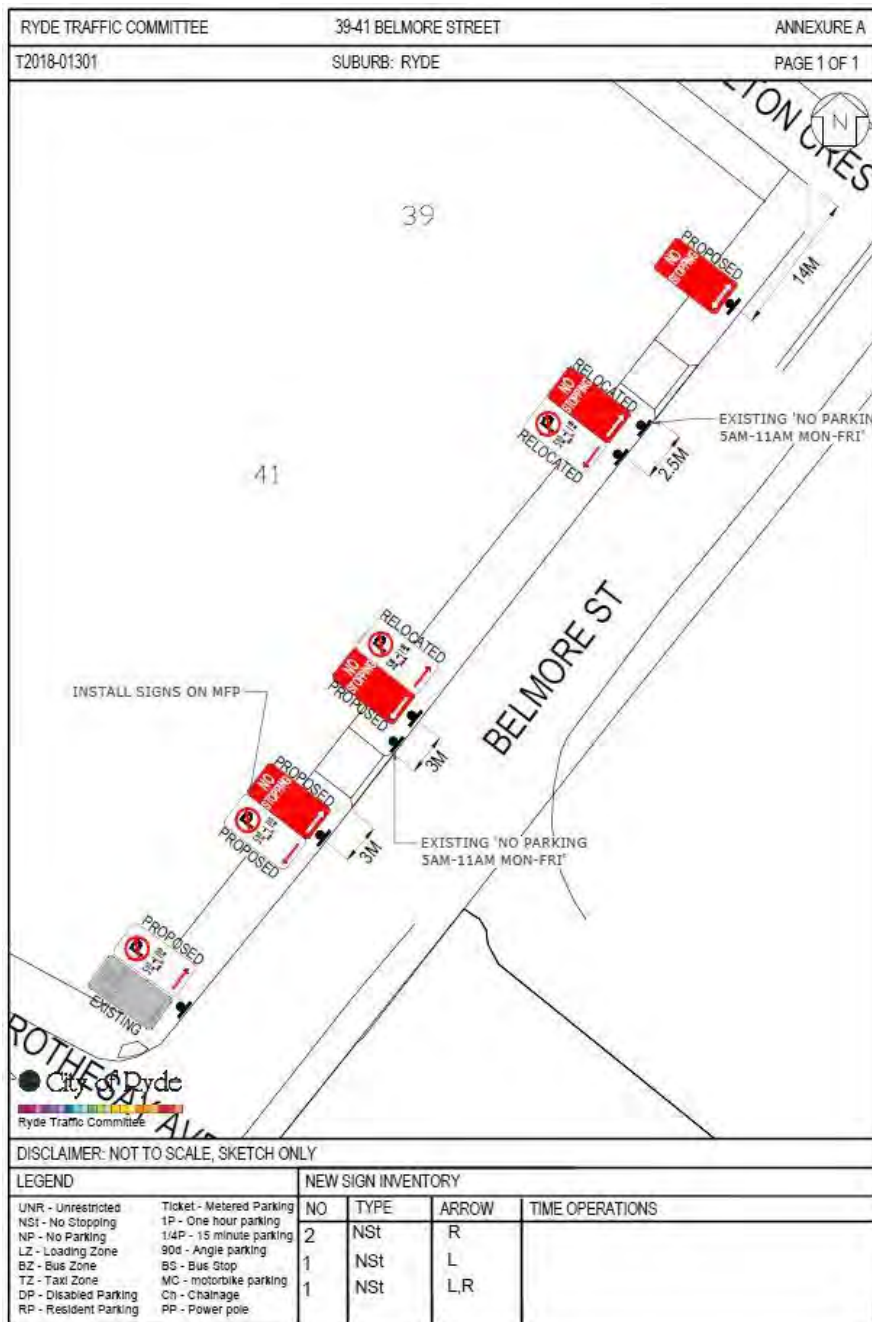


Figure G1 Proposed No Stopping Across Driveways

**ITEM (H) 2 TO 20 CONSTITUTION ROAD, RYDE**

SUBJECT: EXTENDING NO STOPPING ZONE
ELECTORATE: RYDE
WARD: CENTRAL and EAST
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: HELPDESK-14664 & T2018-01996
OFFICER: M ILYAS

INTRODUCTION

City of Ryde has recently received requests from local residents that consideration be given to extending the 'NO STOPPING' zone on the western side of Belmore Street near the signalised intersection of Belmore Street and Constitution Road, Ryde.

CONTEXT

- Belmore Street is approximately 11 metres wide.
- The proposed location is prior to the signalised intersection of Belmore Street and Constitution Road.
- There is an existing 28.5 metre 'NO STOPPING' zone at the subject location.

REFERENCES

- *[NSW] Road Rules 2014 Rule 167 & 170 No Stopping Signs*

DISCUSSION

Council has received a number of requests from local residents regarding localised congestion on Belmore Street due to the presence of parked cars. A review of SCATS data indicates that this congestion is principally confined to the morning and afternoon commuter peak periods.

Site observations have verified the congestion concerns, thus it is proposed that 24 metres of part time 'NO STOPPING 6AM-10AM & 3PM-7PM MON-FRI' be installed preceding the full time No Stopping restrictions associated with the signalised intersection.

Extension of the statutory 10 metre 'NO STOPPING' zone immediately north of Hamilton Crescent to 34 metres is required to accommodate turning path manoeuvres in the vicinity of the central median at the intersection of Hamilton Crescent and Belmore Street. Residents will be advised prior to the installation of the 'No Stopping' restrictions.



APPROVALS

Should the proposed measures be supported by Ryde Traffic Committee, it is intended that the matter be referred to the Works and Community Committee for consideration of the Council and seek the remaining approvals.

PROPOSAL

To install 24 metres of 'NO STOPPING 6AM-10AM & 3PM-7PM MON-FRI' restrictions on Belmore Street, south of Constitution Road and an additional 24 metres of 'NO STOPPING' restrictions on Belmore Street north of Hamilton Crescent as per the attached plan.



Figure H1 Proposed Extension to No Stopping

**ITEM (I) STAGE 2-5 SHEPHERD'S BAY, MEADOWBANK**

SUBJECT: TRAFFIC CALMING DEVICES
ELECTORATE: RYDE
WARD: CENTRAL
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: 2015/0018 & T2018-02199
OFFICER: K YOON

INTRODUCTION

The proponent for Shepherds Bay Urban Development Stage 2-5 has completed a number of road works on Hamilton Crescent / Nancarrow Avenue and Belmore Street, in order to address the following conditions:

- MOD 2018/147 (Modification of Condition 37 of LDA 2015/18 (Stage 2-3)); and
- Condition 36 of LDA 2015/19 (Stage 4-5).

BACKGROUND

The public infrastructure works completed by the proponent as part of the Shepherds Bay Urban Development Stage 2-5 include:

1. Construction of the extension of Nancarrow Avenue / Hamilton Crescent between Belmore Street and Bowden Street, accommodating two-way traffic lanes.
2. Construction of the roundabout at the intersection of Nancarrow Avenue and Hamilton Crescent West.
3. Construction of the left in / left out treatment at the intersection of Hamilton Crescent and Belmore Street.
4. Construction of the roundabout at Belmore Street and Rothesay Avenue.
5. Construction of a triangular concrete splitter island in Yerong Street at the intersection with Belmore Street to provide a left in / left out traffic regulation.

These public infrastructure works were completed to address the conditions of:

- **MOD 2018/147** (Modification of Condition 37 of LDA 2015/18)

Section 4.55 Modification:

Application to modify part Condition 37 of DA consent LDA2015/18 having regards to public domain works.

The City of Ryde as the Consent Authority pursuant to Section 4.55 of the Environmental Planning and Assessment Act, 1979 (as amended) hereby consents to the modification of Local Development Application No. LDA2015/18 dated 20 October 2015 subject to replacement of the following conditions(s):



37. **Public Infrastructure Works.** *Engineering drawings prepared by a Chartered Civil Engineer (with NPER registration with Engineers Australia) are to be submitted to Council for approval prior to the issue of a Construction Certificate for the residential component of the development. The works shall be in accordance with the City of Ryde DCP 2014 Part 8.5 - Public Civil Works, and DCP 2014 Part 8.2 - Stormwater Management, where applicable.*

The drawings shall include plans, sections, existing and finished surface levels, drainage pit configurations, kerb returns and other relevant details for the new works and also demonstrate the smooth connection of the proposed new kerb and gutter and granite paving into the remaining street scape. The drawings should show clearly the exact limits of the public infrastructure works that are intended to be undertaken within these stages of the development, including but not limited to the following:

- a. *The proponent shall reconstruct half width road pavement along the Rothesay Avenue and Nancarrow Avenue. The plans shall show the extent and full details of road pavement reconstruction along the Rothesay Avenue and Nancarrow Avenue frontages of the site.*
- b. *The proponent shall construct the roundabout at Belmore Street and Rothesay Avenue as part of works in this stage of the development.*
- c. *The construction of a triangular concrete splitter island in Yerong Street at the intersection with Belmore Street to provide left in/left out traffic regulation.*
- d. *Deleted*
- e. *Deleted*
- f. *The removal of all redundant vehicular crossings and the construction of new kerb and gutter along the Rothesay Avenue and Nancarrow Avenue frontages of the development site. Proposed kerb profiles are to be provided to ensure proper connections to existing kerb and gutter.*
- g. *The extent and details of the footpath pavement construction along the Rothesay Avenue and Nancarrow Avenue frontages of the site.*
- h. *The relocation/adjustment of all public utility services affected by the proposed works. Written approval from the applicable Public Authority shall be submitted to Council and their requirements being fully complied with.*



- **Condition 36 of LDA 2015/19**

36. Public Infrastructure Works. :

Engineering drawings prepared by a Chartered Civil Engineer (with NPER registration with Engineers Australia) are to be submitted to Council for approval prior to the issue of a Construction Certificate for the residential component of the development. The works shall be in accordance with the City of Ryde DCP 2014 Part 8.5 - Public Civil Works, and DCP 2014 Part 8.2 – Stormwater Management, where applicable.

*The drawings shall include plans, sections, existing and finished surface levels, drainage pit configurations, kerb returns and other relevant details for the new works and also demonstrate the smooth connection of the proposed new kerb and gutter and granite paving into the remaining street scape. The drawings should show clearly the exact boundaries of the public domain **infrastructure** works that are intended to be undertaken within these stages of the development. The following works shall be completed to Council's satisfaction prior to the issue of any Occupation Certificate for Stage 4.*

- a) *Reconstruction of half width road pavement along the Belmore Street, Hamilton Crescent West and Constitution Road frontages of the site. The plans shall show the extent and full details of the works.*
- b) *The construction of the extension of Nancarrow Ave (Hamilton Crescent) and the roundabout at the intersection of Nancarrow Ave and Hamilton Crescent West.*
- c) *The construction of the Left In/Left Out treatment at the intersection of Hamilton Crescent and Belmore Street.*
- d) *The construction of the intersection of Hamilton Crescent West and Constitution Road.*
- e) *Re-instatement of the bus stop near the intersection of Hamilton Crescent West and Constitution Road in accordance with the requirements of the Disability Standards for Accessible Public Transport 2002. If the location of the bus stop is required to be changed, it will be necessary to liaise with Council's Assets Systems Unit in electing the most appropriate location of the bus stop.*
- f) *The removal of all redundant vehicular crossings and the construction of new kerb and gutter along the Belmore Street, Hamilton Crescent West and Constitution Road frontages of the development site. Proposed kerb profiles are to be provided to ensure proper connections to existing kerb and gutter.*
- g) *The relocation/adjustment of all public utility services affected by the proposed works. Written approval from the applicable Public Authority shall be submitted to Council and their requirements being fully complied with.*

Note: Prior to submission to Council for approval prior to the issue of a Construction Certificate, the Applicant is advised to ensure that the drawings are prepared in accordance with the standards specified in the City of Ryde DCP 2014 Part 8.5 - Public Civil Works, Section 5 "Standards Enforcement".



Note: Should any of the works not be completed, the applicant may apply for a Section 96(1A) application to amend the timing of the completion of the works and to permit the issuing of an Occupation Certificate.

CONTEXT

- Hamilton Crescent and Nancarrow Avenue are local roads with approximately 6 metre wide carriageways where the posted speed limit is 50km/h.
- Belmore Street is a local road with a carriageway width of 11 metres wide where a posted speed limit of 50km/h applies.

REFERENCES

- *Austroads – Guide to Traffic Management Part 8 – Local Area Traffic Management*
- *Austroads – Guide to Road Design.*

DISCUSSION

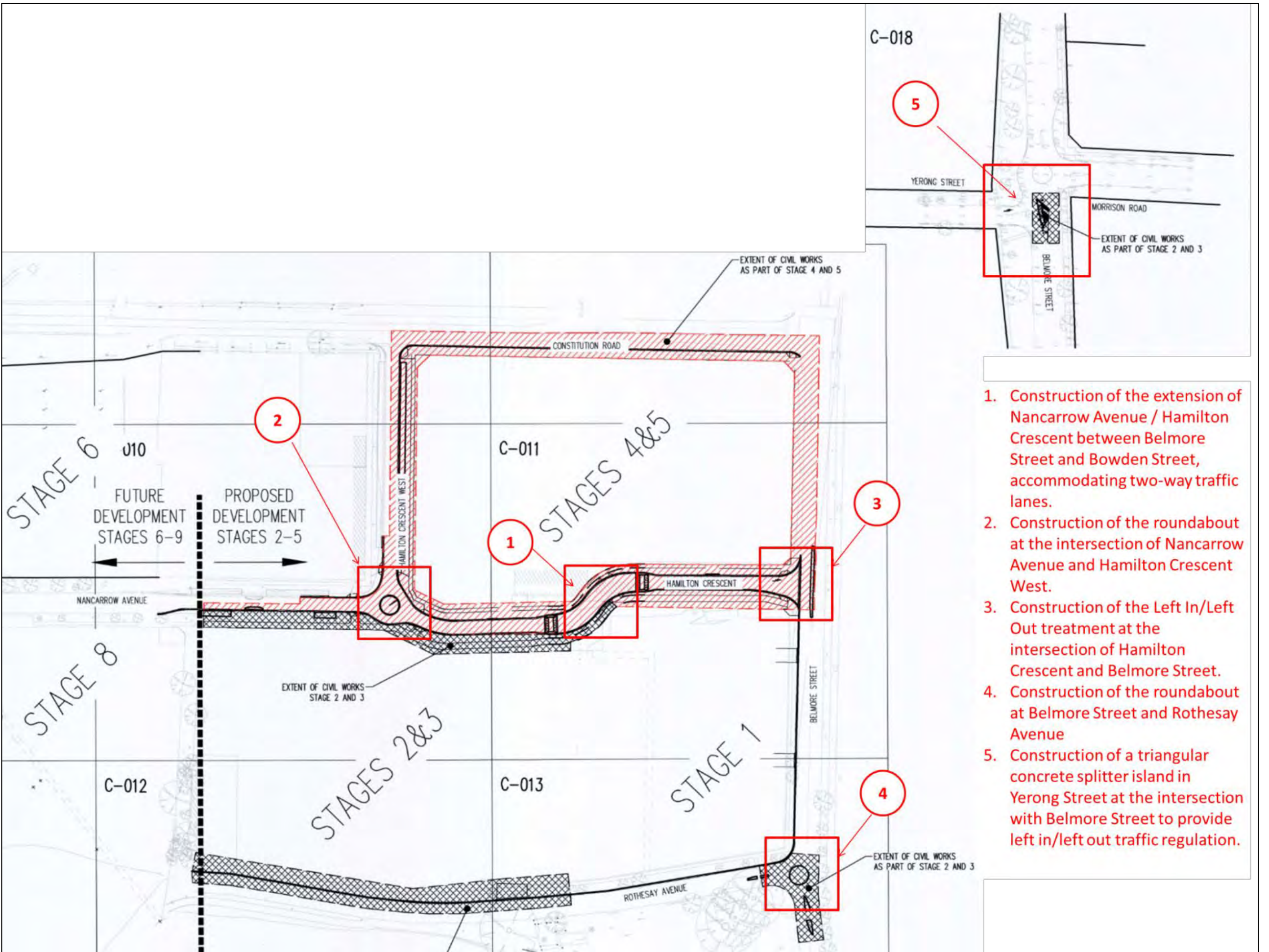
Shepherds Bay Urban Development is a significant development in the Meadowbank area. As part of the Ministerial Approval for the Concept Design of the Shepherds Bay Urban Development from the Department of Planning and Environment, a number of road works were proposed and are to be completed by the proponent as per the Statement of Commitment (MP-09_0216).

The following public infrastructure works have been approved by Council and completed by the proponent for Stage 2-5 of the development including:

1. Construction of the extension of Nancarrow Avenue / Hamilton Crescent between Belmore Street and Bowden Street, accommodating two-way traffic lanes.
2. Construction of the roundabout at the intersection of Nancarrow Avenue and Hamilton Crescent West.
3. Construction of the left in / left out treatment at the intersection of Hamilton Crescent and Belmore Street.
4. Construction of the roundabout at Belmore Street and Rothesay Avenue
5. Construction of a triangular concrete splitter island in Belmore Street at Yerong Street to enforce a left in / left out operation.

APPROVALS

The above public infrastructure works have been completed and are tabled for the attention of Roads and Maritime Services only.



1. Construction of the extension of Nancarrow Avenue / Hamilton Crescent between Belmore Street and Bowden Street, accommodating two-way traffic lanes.
2. Construction of the roundabout at the intersection of Nancarrow Avenue and Hamilton Crescent West.
3. Construction of the Left In/Left Out treatment at the intersection of Hamilton Crescent and Belmore Street.
4. Construction of the roundabout at Belmore Street and Rothesay Avenue
5. Construction of a triangular concrete splitter island in Yerong Street at the intersection with Belmore Street to provide left in/left out traffic regulation.

Figure 11 Completed Works

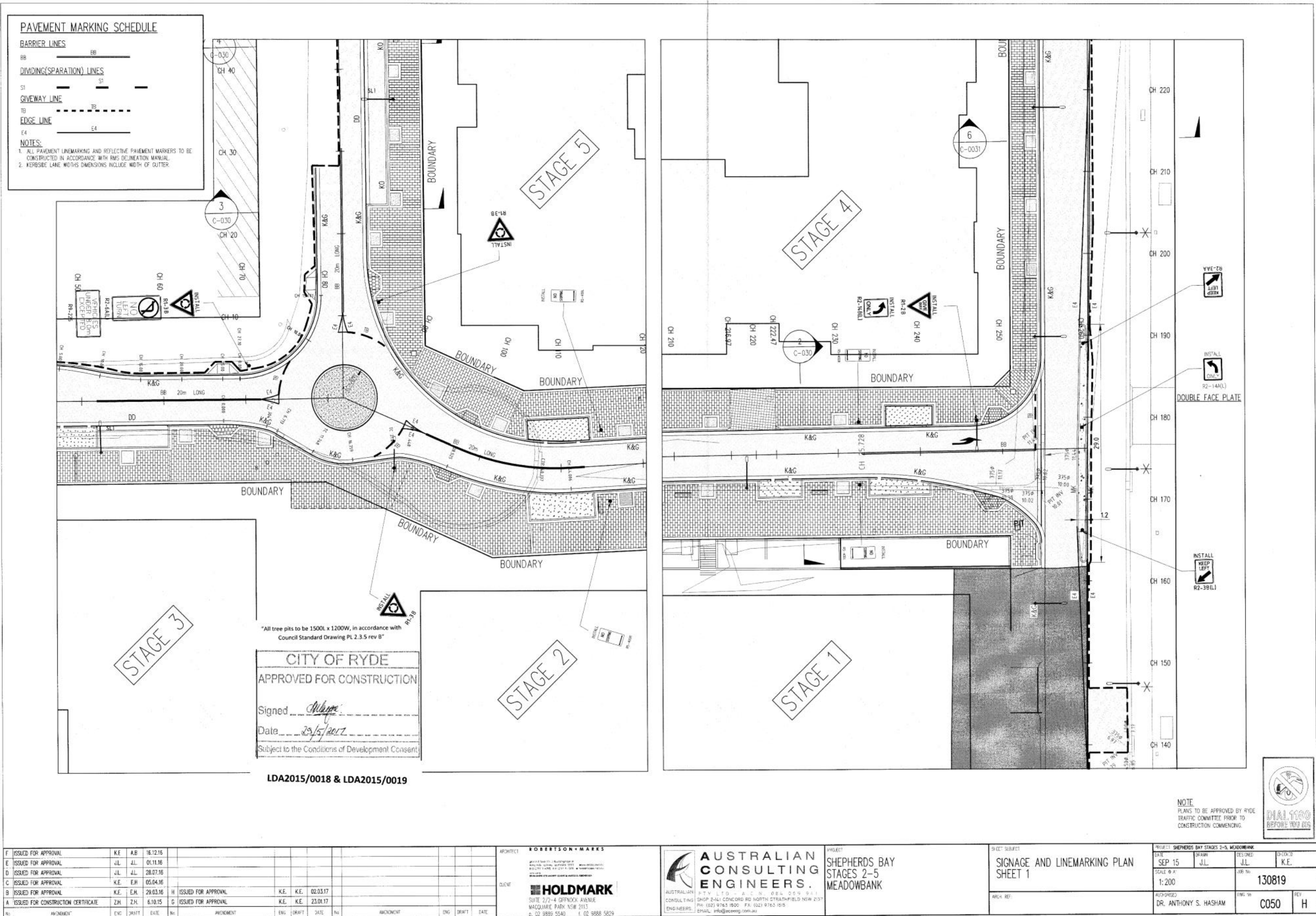
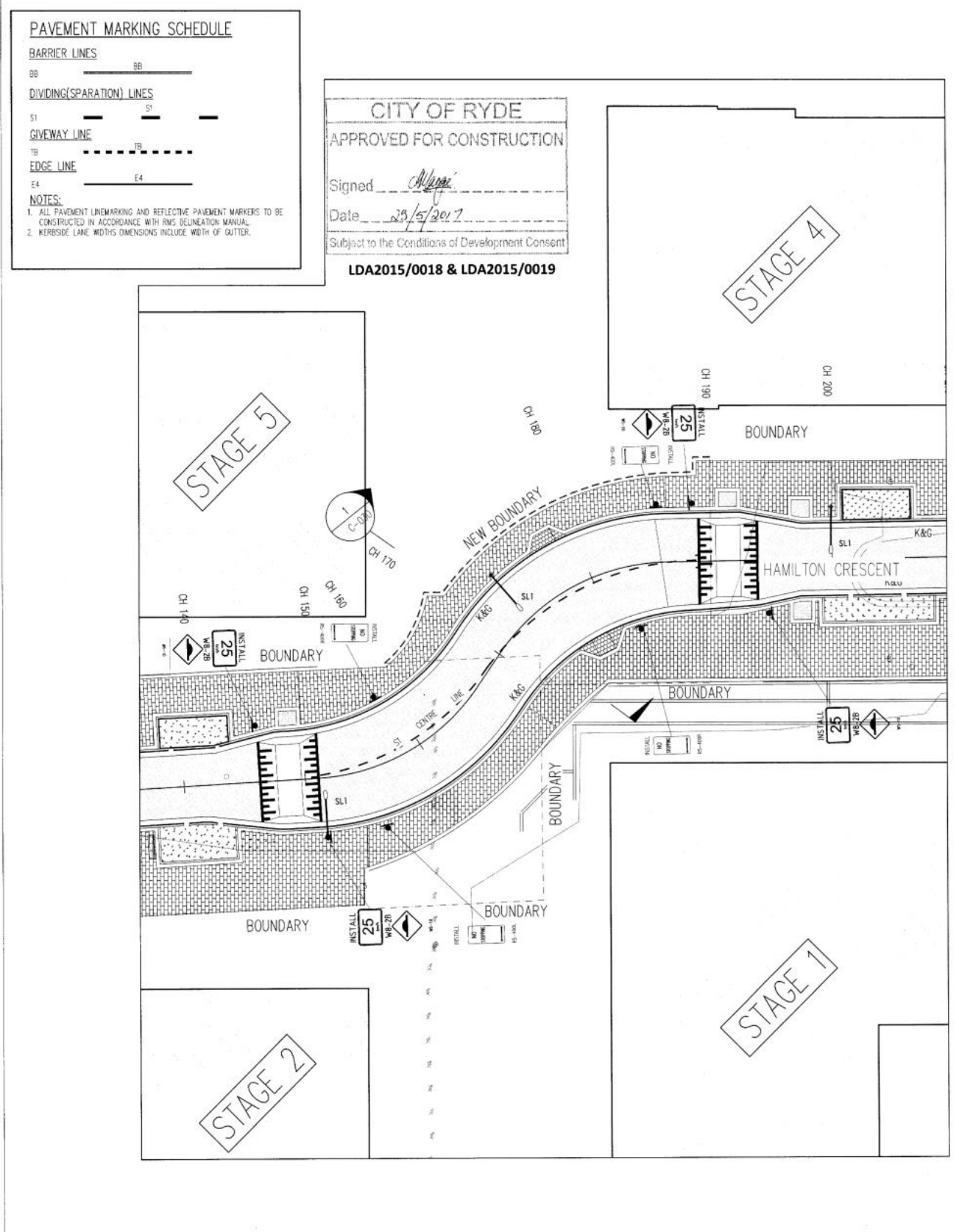


Figure 12 Civil Plans – Items 2 & 3 in Figure J1



PAVEMENT MARKING SCHEDULE

BARRIER LINES
BB

DIVIDING (SEPARATION) LINES
S1

GIVEWAY LINE
TB

EDGE LINE
E4

NOTES:
1. ALL PAVEMENT LINEMARKING AND REFLECTIVE PAVEMENT MARKERS TO BE CONSTRUCTED IN ACCORDANCE WITH RMS DELINEATION MANUAL.
2. KERBSIDE LANE WIDTHS DIMENSIONS INCLUDE WIDTH OF GUTTER.

CITY OF RYDE
APPROVED FOR CONSTRUCTION
Signed: *[Signature]*
Date: 29/5/2017
Subject to the Conditions of Development Consent
LDA2015/0018 & LDA2015/0019

REVISIONS F ISSUED FOR APPROVAL K.E. A.B. 16.12.16 E ISSUED FOR APPROVAL J.L. J.L. 01.11.16 D ISSUED FOR APPROVAL J.L. J.L. 28.07.16 C ISSUED FOR APPROVAL K.E. E.H. 05.04.16 B ISSUED FOR APPROVAL K.E. E.H. 29.01.16 A ISSUED FOR CONSTRUCTION CERTIFICATE Z.H. Z.H. 6.10.15				REVISIONS H ISSUED FOR APPROVAL K.E. K.E. 02.13.17 G ISSUED FOR APPROVAL K.E. K.E. 23.01.17				ARCHITECT ROBERTSON MARKS 1/115-117/119-121/123-125/127-129/131-133/135-137/139-141/143-145/147-149/151-153/155-157/159-161/163-165/167-169/171-173/175-177/179-181/183-185/187-189/191-193/195-197/199-201/203-205/207-209/211-213/215-217/219-221/223-225/227-229/231-233/235-237/239-241/243-245/247-249/251-253/255-257/259-261/263-265/267-269/271-273/275-277/279-281/283-285/287-289/291-293/295-297/299-301/303-305/307-309/311-313/315-317/319-321/323-325/327-329/331-333/335-337/339-341/343-345/347-349/351-353/355-357/359-361/363-365/367-369/371-373/375-377/379-381/383-385/387-389/391-393/395-397/399-401/403-405/407-409/411-413/415-417/419-421/423-425/427-429/431-433/435-437/439-441/443-445/447-449/451-453/455-457/459-461/463-465/467-469/471-473/475-477/479-481/483-485/487-489/491-493/495-497/499-501/503-505/507-509/511-513/515-517/519-521/523-525/527-529/531-533/535-537/539-541/543-545/547-549/551-553/555-557/559-561/563-565/567-569/571-573/575-577/579-581/583-585/587-589/591-593/595-597/599-601/603-605/607-609/611-613/615-617/619-621/623-625/627-629/631-633/635-637/639-641/643-645/647-649/651-653/655-657/659-661/663-665/667-669/671-673/675-677/679-681/683-685/687-689/691-693/695-697/699-701/703-705/707-709/711-713/715-717/719-721/723-725/727-729/731-733/735-737/739-741/743-745/747-749/751-753/755-757/759-761/763-765/767-769/771-773/775-777/779-781/783-785/787-789/791-793/795-797/799-801/803-805/807-809/811-813/815-817/819-821/823-825/827-829/831-833/835-837/839-841/843-845/847-849/851-853/855-857/859-861/863-865/867-869/871-873/875-877/879-881/883-885/887-889/891-893/895-897/899-901/903-905/907-909/911-913/915-917/919-921/923-925/927-929/931-933/935-937/939-941/943-945/947-949/951-953/955-957/959-961/963-965/967-969/971-973/975-977/979-981/983-985/987-989/991-993/995-997/999-1001/1003-1005/1007-1009/1011-1013/1015-1017/1019-1021/1023-1025/1027-1029/1031-1033/1035-1037/1039-1041/1043-1045/1047-1049/1051-1053/1055-1057/1059-1061/1063-1065/1067-1069/1071-1073/1075-1077/1079-1081/1083-1085/1087-1089/1091-1093/1095-1097/1099-1101/1103-1105/1107-1109/1111-1113/1115-1117/1119-1121/1123-1125/1127-1129/1131-1133/1135-1137/1139-1141/1143-1145/1147-1149/1151-1153/1155-1157/1159-1161/1163-1165/1167-1169/1171-1173/1175-1177/1179-1181/1183-1185/1187-1189/1191-1193/1195-1197/1199-1201/1203-1205/1207-1209/1211-1213/1215-1217/1219-1221/1223-1225/1227-1229/1231-1233/1235-1237/1239-1241/1243-1245/1247-1249/1251-1253/1255-1257/1259-1261/1263-1265/1267-1269/1271-1273/1275-1277/1279-1281/1283-1285/1287-1289/1291-1293/1295-1297/1299-1301/1303-1305/1307-1309/1311-1313/1315-1317/1319-1321/1323-1325/1327-1329/1331-1333/1335-1337/1339-1341/1343-1345/1347-1349/1351-1353/1355-1357/1359-1361/1363-1365/1367-1369/1371-1373/1375-1377/1379-1381/1383-1385/1387-1389/1391-1393/1395-1397/1399-1401/1403-1405/1407-1409/1411-1413/1415-1417/1419-1421/1423-1425/1427-1429/1431-1433/1435-1437/1439-1441/1443-1445/1447-1449/1451-1453/1455-1457/1459-1461/1463-1465/1467-1469/1471-1473/1475-1477/1479-1481/1483-1485/1487-1489/1491-1493/1495-1497/1499-1501/1503-1505/1507-1509/1511-1513/1515-1517/1519-1521/1523-1525/1527-1529/1531-1533/1535-1537/1539-1541/1543-1545/1547-1549/1551-1553/1555-1557/1559-1561/1563-1565/1567-1569/1571-1573/1575-1577/1579-1581/1583-1585/1587-1589/1591-1593/1595-1597/1599-1601/1603-1605/1607-1609/1611-1613/1615-1617/1619-1621/1623-1625/1627-1629/1631-1633/1635-1637/1639-1641/1643-1645/1647-1649/1651-1653/1655-1657/1659-1661/1663-1665/1667-1669/1671-1673/1675-1677/1679-1681/1683-1685/1687-1689/1691-1693/1695-1697/1699-1701/1703-1705/1707-1709/1711-1713/1715-1717/1719-1721/1723-1725/1727-1729/1731-1733/1735-1737/1739-1741/1743-1745/1747-1749/1751-1753/1755-1757/1759-1761/1763-1765/1767-1769/1771-1773/1775-1777/1779-1781/1783-1785/1787-1789/1791-1793/1795-1797/1799-1801/1803-1805/1807-1809/1811-1813/1815-1817/1819-1821/1823-1825/1827-1829/1831-1833/1835-1837/1839-1841/1843-1845/1847-1849/1851-1853/1855-1857/1859-1861/1863-1865/1867-1869/1871-1873/1875-1877/1879-1881/1883-1885/1887-1889/1891-1893/1895-1897/1899-1901/1903-1905/1907-1909/1911-1913/1915-1917/1919-1921/1923-1925/1927-1929/1931-1933/1935-1937/1939-1941/1943-1945/1947-1949/1951-1953/1955-1957/1959-1961/1963-1965/1967-1969/1971-1973/1975-1977/1979-1981/1983-1985/1987-1989/1991-1993/1995-1997/1999-2001/2003-2005/2007-2009/2011-2013/2015-2017/2019-2021/2023-2025/2027-2029/2031-2033/2035-2037/2039-2041/2043-2045/2047-2049/2051-2053/2055-2057/2059-2061/2063-2065/2067-2069/2071-2073/2075-2077/2079-2081/2083-2085/2087-2089/2091-2093/2095-2097/2099-2101/2103-2105/2107-2109/2111-2113/2115-2117/2119-2121/2123-2125/2127-2129/2131-2133/2135-2137/2139-2141/2143-2145/2147-2149/2151-2153/2155-2157/2159-2161/2163-2165/2167-2169/2171-2173/2175-2177/2179-2181/2183-2185/2187-2189/2191-2193/2195-2197/2199-2201/2203-2205/2207-2209/2211-2213/2215-2217/2219-2221/2223-2225/2227-2229/2231-2233/2235-2237/2239-2241/2243-2245/2247-2249/2251-2253/2255-2257/2259-2261/2263-2265/2267-2269/2271-2273/2275-2277/2279-2281/2283-2285/2287-2289/2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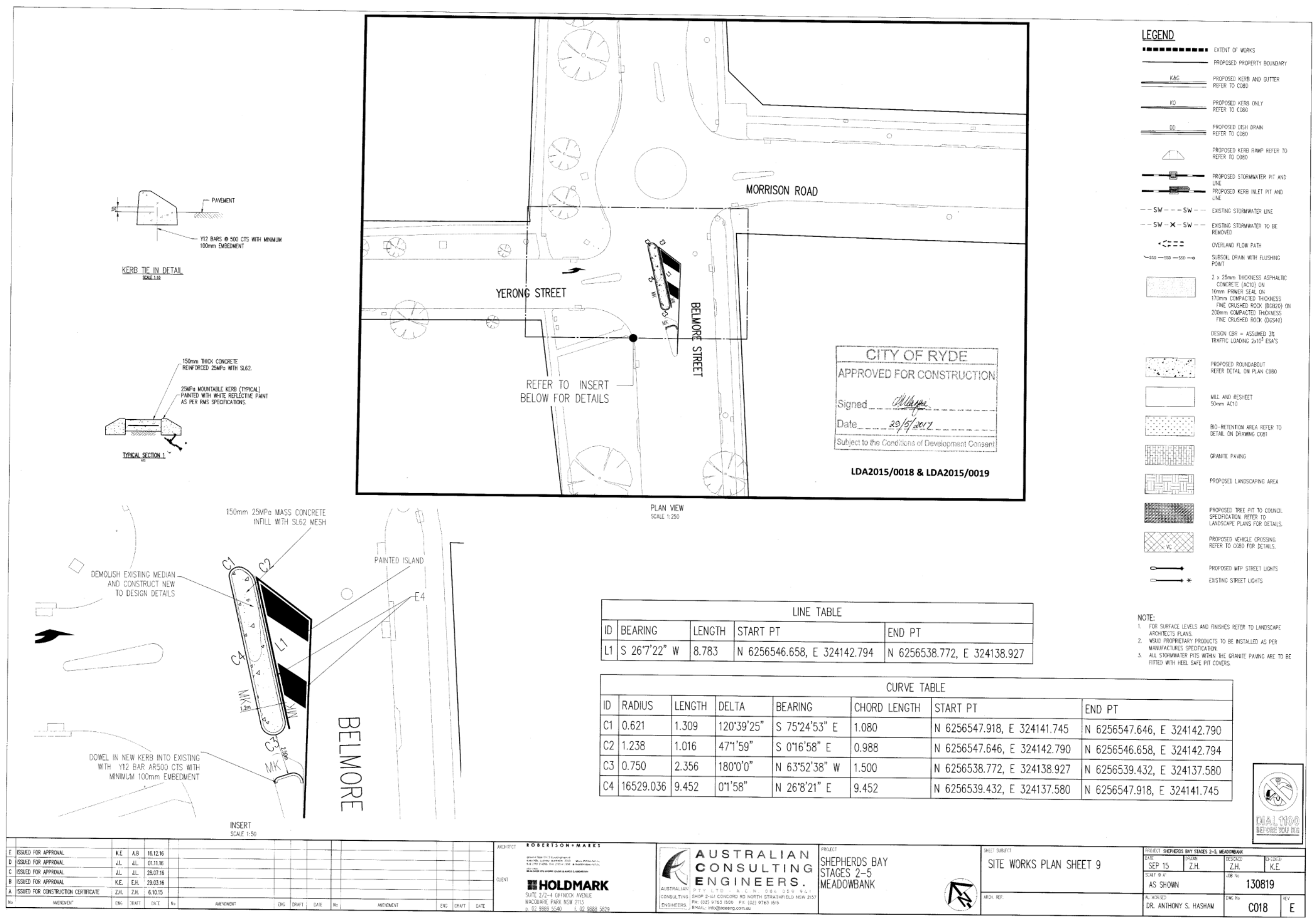


Figure 14 Civil Plans – Item 5 in Figure J1

REV	DESCRIPTION	ENG	DRAWN	DATE
E	ISSUED FOR APPROVAL	K.E.	A.B.	16.12.16
D	ISSUED FOR APPROVAL	J.L.	J.L.	01.11.16
C	ISSUED FOR APPROVAL	J.L.	J.L.	28.07.16
B	ISSUED FOR APPROVAL	K.E.	E.H.	29.03.16
A	ISSUED FOR CONSTRUCTION CERTIFICATE	Z.H.	Z.H.	6.10.15

ARCHITECT **ROBERTSON+MARKS**

CLIENT **HOLDMARK**

SUITE 2/2-4 BRINDOCK AVENUE
MACQUARIE PARK NSW 2113
P. 02 9886 3540 F. 02 9888 5870

AUSTRALIAN CONSULTING ENGINEERS

PROJECT SHEPHERDS BAY STAGES 2-5 MEADOWBANK

SHEET SURVEY SITE WORKS PLAN SHEET 9

PROJECT SHEPHERDS BAY STAGES 2-5 MEADOWBANK

DATE SEP 15 DRAWN Z.H. DESIGNED Z.H. CHECKED K.E.

SCALE 9:1 AS SHOWN JOB NO 130819

APPROVED DR. ANTHONY S. HASHAM ENG NO C018 REV E

DATE	DRAWN	DESIGNED	CHECKED
SEP 15	Z.H.	Z.H.	K.E.
SCALE 9:1	AS SHOWN	JOB NO	130819
APPROVED	DR. ANTHONY S. HASHAM	ENG NO	C018
REV			E

**ITEM (J) CHARLES STREET, RYDE**

SUBJECT: PARKING CONTROLS AT HORIZONTAL CURVE
ELECTORATE: RYDE
WARD: EAST
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: CRM-2088631 & T2018-01294
OFFICER: M ILYAS

INTRODUCTION

City of Ryde has received representation from a resident of Charles Street requesting that consideration be given to installing parking restrictions along the radius bend in Charles Street, Ryde to improve safety for vehicles exiting residential driveways.

CONTEXT

- Charles Street is a two-way local road with a carriageway width of approximately 11 metres, with unrestricted parking along both sides of the road.
- The bend along the frontages of 8 to 10A and 9 to 11 Charles Street is delineated with rumble bars along the centreline of the carriageway.
- The approach driveways from 10A to 14 Charles Street have steep gradients, thus limiting sight distance for exiting motorists which is compounded by the presence of parked vehicles.

REFERENCES

- *[NSW] Road Rules 2014 Rule 132 Keeping to the left of the centre of a road or the dividing line*
- *[NSW] Road Rules 2014 Rule 167 No stopping signs*
- *[NSW] Road Rules 2014 208 Parallel parking on a road (except in a median strip parking area).*

COMMUNITY ENGAGEMENT

The occupants of 21 properties were notified of the proposal, as shown in *Figure K1*. No responses were received.

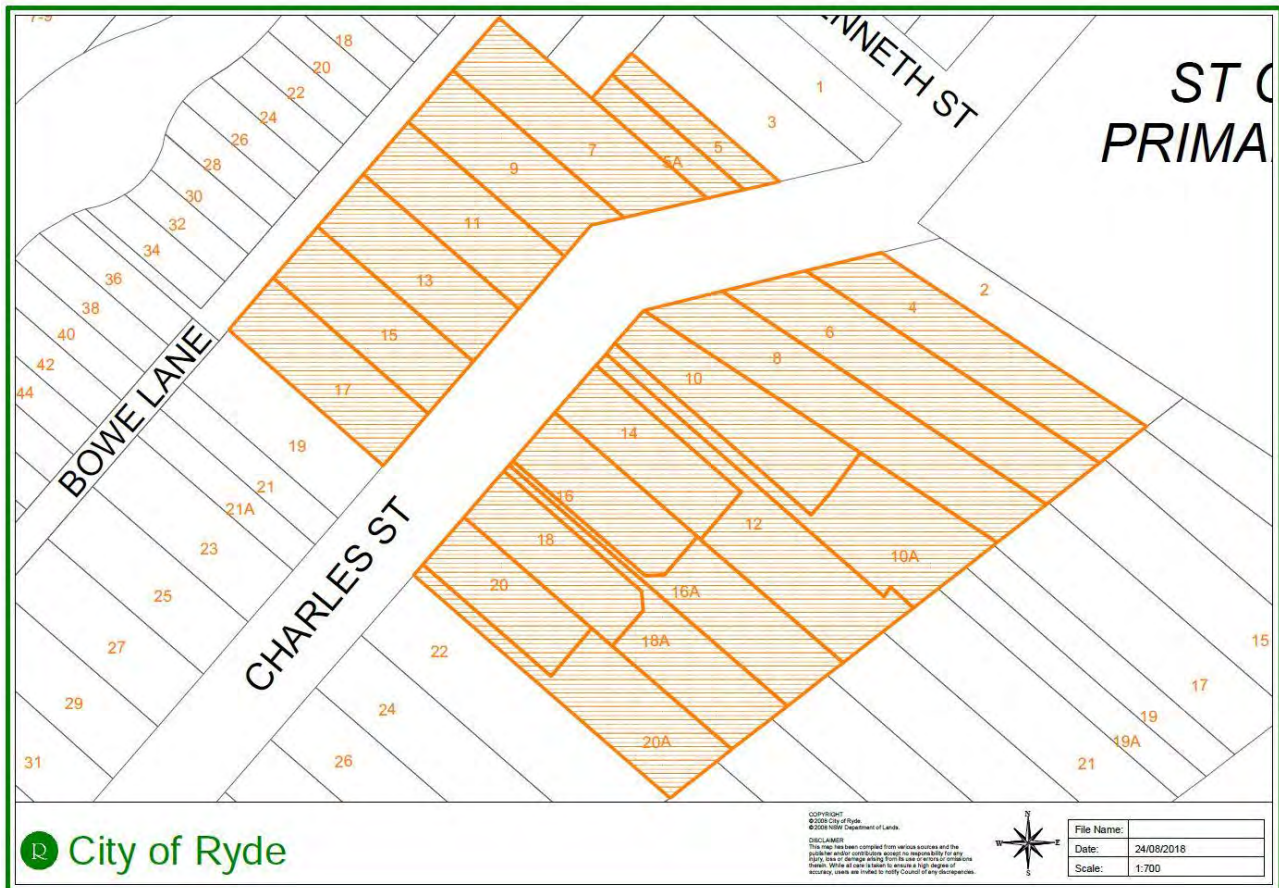


Figure J1 Community engagement distribution

DISCUSSION

The carriageway at the bend in Charles Street is approximately 11 metres wide. Rumble bars on the bend separate two way traffic flow. When cars are parked on inner radius of the road, there is very limited sight distance for motorists to safely exit the steep driveways from 10A to 14 Charles Street and due to the proximity of 8 to 10 Charles Street to the bend.

Given that the proposed location has four driveways, the impact to on-street parking will be limited. By installing the 'NO STOPPING' zone along the inner radius of the bend in Charles Street, sight distance to on-coming vehicles will be improved and vehicles will be able to enter and exit the residential driveways safely.

APPROVALS

At its meeting held on 27 March 2018, Council delegated authority to staff to approve installing 'NO STOPPING' to create two opposing travel lanes at a curve, bend, crest or intersection. Should the proposed measures be supported by Ryde Traffic Committee, the matter will be considered approved for installation.



PROPOSAL

To install a 'NO STOPPING' zone along inner radius of the bend outside 8 to 14 Charles Street, Ryde as shown on the attached plan.



Figure J2 Proposed No Stopping on bend

**ITEM (K) PELLISIER ROAD, PUTNEY**

SUBJECT: PARKING CONTROLS AT HORIZONTAL CURVE
ELECTORATE: RYDE
WARD: CENTRAL
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: CRM-2086472 & T2018-01223
OFFICER: M ILYAS

INTRODUCTION

City of Ryde has received representation from a resident of Putney Parade requesting that consideration be given to installing traffic and parking controls along the radius bend in Pellisier Road, Putney to improve safety.

CONTEXT

- Pellisier Road is a two-way local road with a carriageway width of approximately 8.3 metres, with unrestricted parking along both sides of the road.
- The centreline of the bend along the frontage of 38 to 44 and 53 Pellisier Road is augmented with rumble bars; with motorists driving across these rumble bars due to the presence of parked cars along the bend.

REFERENCES

- *[NSW] Road Rules 2014 Rule 132 Keeping to the left of the centre of a road or the dividing line*
- *[NSW] Road Rules 2014 Rule 167 No stopping signs*

COMMUNITY ENGAGEMENT

The occupants of 10 properties were notified of the proposal, as shown in *Figure P1*. No responses have been received.

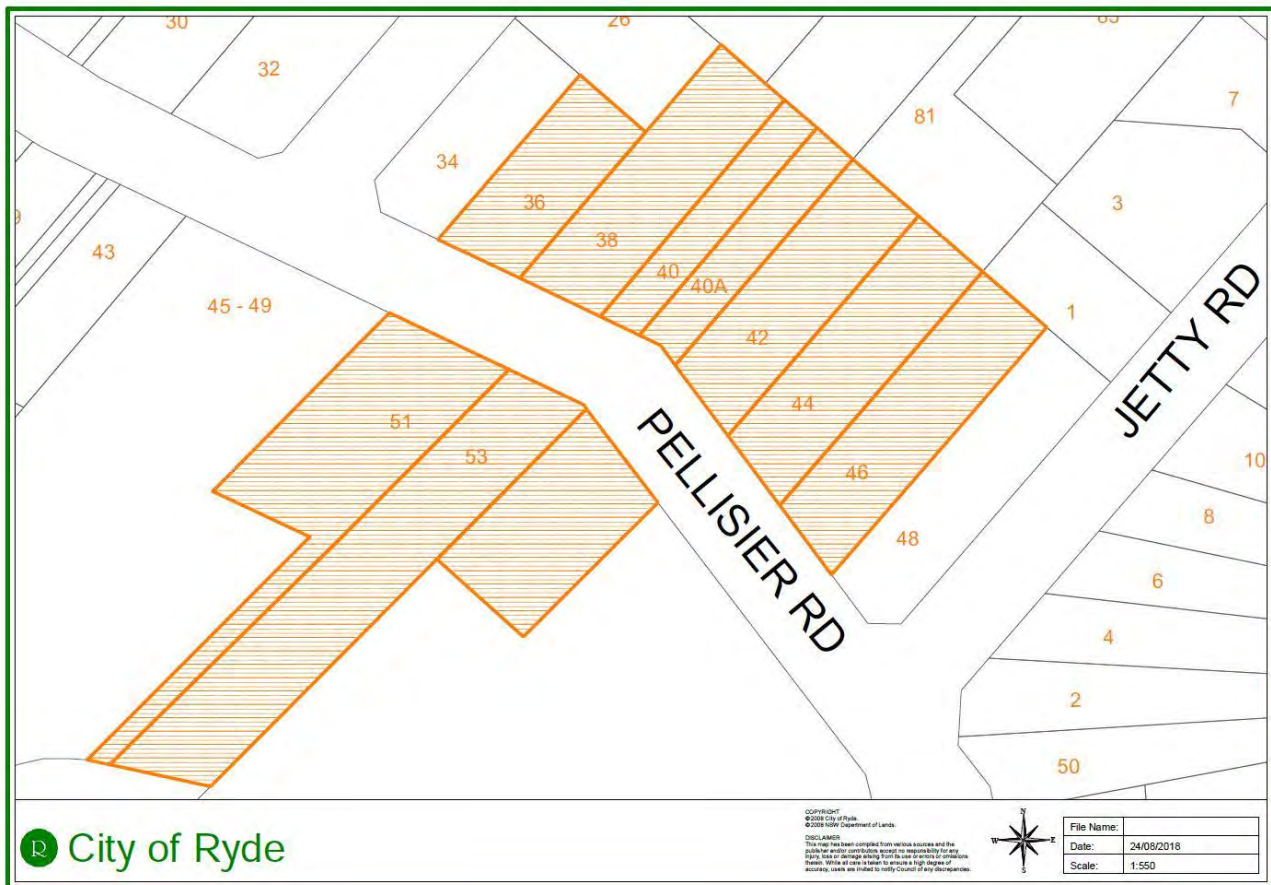


Figure K1 Community engagement distribution

DISCUSSION

The carriageway width at the bend in Pellisier Road is approximately 8.3 metres. Traffic on the bend is separated by rumble bars on the centre-line of the carriageway. When cars are parked on both sides of the road, there is insufficient space for two vehicles to pass, which limits access for emergency vehicles and increases the likelihood of a collision.

Motorists are not permitted to park within 3 metre of double barrier lines, thus the proposed measures will reinforce the 3 metre rule. Removal of parking will allow motorists to stay on the correct side of the road as they pass through the bend, leading to a safer road environment for all road users.

APPROVALS

At its meeting held on 27 March 2018, Council delegated authority to staff to approve installing 'NO STOPPING' to create two opposing travel lanes at a curve, bend, crest or intersection. Should the proposed measures be supported by the Ryde Traffic Committee, the matter will be considered approved for installation.



PROPOSAL

To install 'NO STOPPING' along both sides of the bend adjacent to the frontages of 38 to 44 and 53 to 55A Pellisier Road, Putney as per the attached plan.

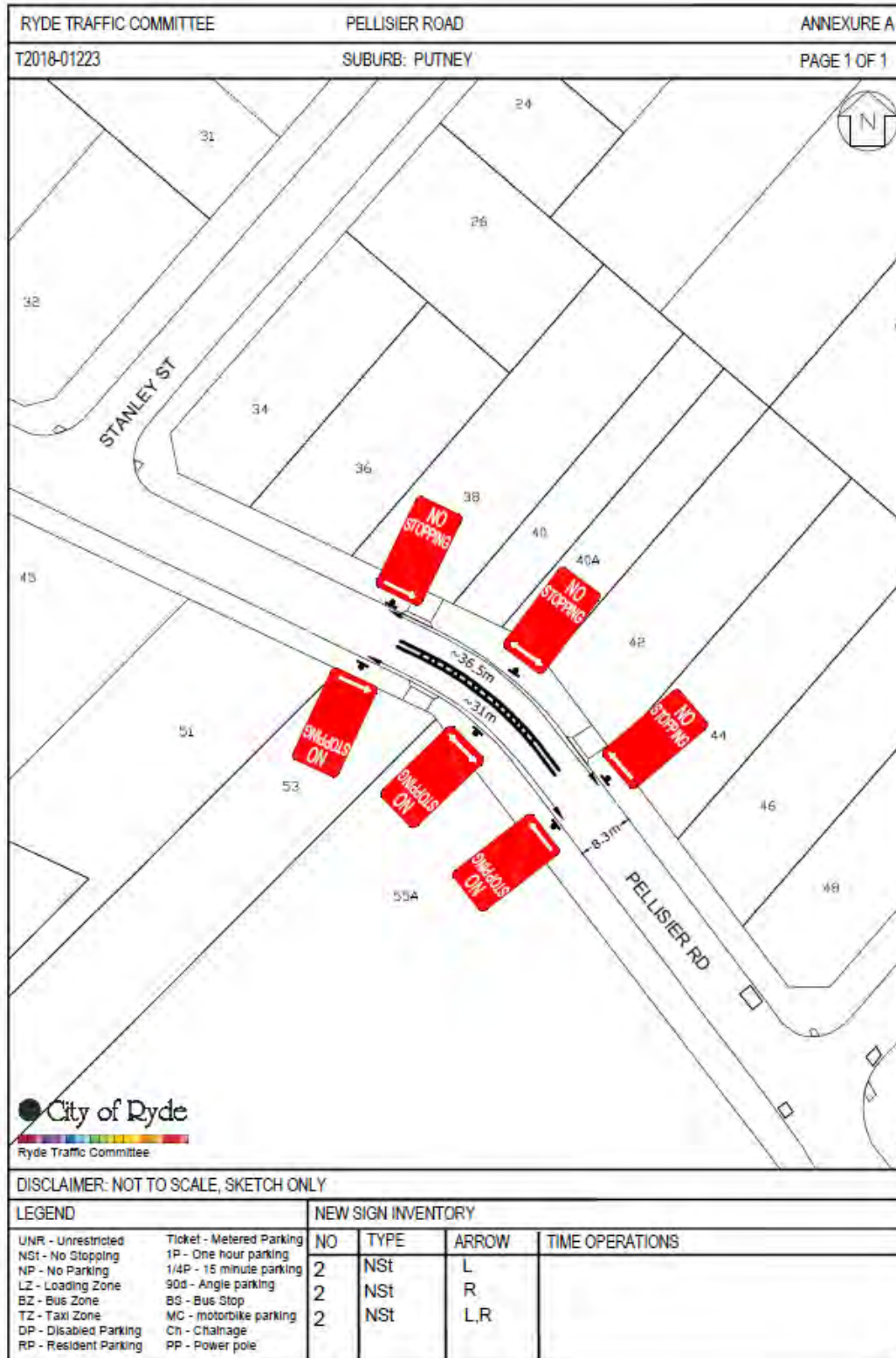


Figure K2 Proposed Parking Controls

**ITEM (L) JULIUS AVENUE, NORTH RYDE**

SUBJECT: NEW PEDESTRIAN CROSSING
ELECTORATE: LANE COVE
WARD: EAST
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: CRM-2099956 & T2018-01595
OFFICER: J BEGLEY

INTRODUCTION

City of Ryde has received representation from a local resident requesting consideration be given to the provision of an “at grade” pedestrian crossing on Julius Avenue, North Ryde.

BACKGROUND

Julius Avenue is the main feeder road that serves the mostly commercial area within the North Ryde Employment Precinct. Residential towers have recently been completed within the environs of the North Ryde railway station which has seen a marked increase in the level of pedestrian activity in the area. Currently pedestrian access across the northern section of Julius Avenue is via the marked foot crossing at Delhi Road or via the small spitter islands associated with the roundabout at Julius Avenue / Rivett Road / New Line Road.

CONTEXT

- Julius Avenue is a local road with a posted speed limit of 50km/h
- The splitter islands associated with the roundabout at Julius Avenue / Rivett Road / New Line Road are not wide enough to offer pedestrians, especially those with strollers a safe place to wait when crossing the road.

REFERENCES

- *Roads and Maritime Supplement to Australian Standard 1742 Manual of Uniform Traffic Control Devices parts 1-15*

COMMUNITY ENGAGEMENT

No consultation was required, as the proposed location for the pedestrian crossing on Julius Avenue is already covered by full time No Stopping restrictions.



DISCUSSION

Residents have contacted Council regarding the lack of pedestrian facilities across Julius Avenue along the northern section of the road, east of its intersection with Delhi Road. They have requested that a pedestrian crossing be provided across Julius Avenue in the vicinity of the roundabout where Julius Avenue intersects with Rivett Road and New Link Road. The gap in the splitter island at the roundabout does not accommodate parents with strollers, many of whom are wishing to access the childcare facilities further down Julius Avenue.

For a location to be considered as a candidate for a pedestrian crossing it must meet minimum warrants which are based on vehicular and pedestrian numbers. A pedestrian crossing can be installed if in each of three separate one hour periods in a typical day:

- (a) the pedestrian flow per hour (P) crossing the road is greater than or equal to 30;
AND
- (b) the vehicular flow per hour (V) through the site is greater than or equal to 500;
AND
- (c) the product PV is greater than or equal to 60,000.

Pedestrian and vehicular counts were undertaken in September 2018 to ascertain if the proposed location would meet the above warrant.

12 September 2018	Pedestrian (P)	Vehicles (V)	PV
7:30AM – 8:30AM	72	405	29,160
4:00PM – 5:00PM	75	455	34,125
5:00PM – 6:00PM	45	400	18,000
Product of the 3 time periods > 60,000			81,285

The pedestrian and vehicular counts indicate that the subject location meets the warrant for a pedestrian crossing.

APPROVALS

Should the proposed measures be supported by Ryde Traffic Committee, it is intended that the matter be referred to the Works and Community Committee for consideration of Council and to seek the remaining approvals.



PROPOSAL

That the Ryde Traffic Committee agrees to the proposal for a pedestrian crossing and associated signage and line marking be installed on Julius Avenue, west of the roundabout with New Line Road and Rivett Road as per the attached plan.



Figure L1: Proposed Location of Pedestrian Crossing

**ITEM (M) 723 TO 731 VICTORIA ROAD, RYDE**

SUBJECT: SIGNAGE AND LINEMARKING PLAN
ELECTORATE: LANE COVE
WARD: CENTRAL
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: LDA2015/0654 & T2018-01492
OFFICER: K YOON

INTRODUCTION

The developer of 723 to 731 Victoria Road, Ryde has submitted public domain plans for the area surrounding their site, to address Condition 143 of LDA2015/654. The proposed No Stopping signage on St Annes Street is required to facilitate the waste servicing of the development at 723 to 731 Victoria Road.

BACKGROUND

Condition 143 of LDA2015/654 at the above mentioned location states:

143. Signage and Linemarking – External. *“NO PARKING” signs shall be installed on St Annes Street to enable unimpeded access for Council’s 11m waste vehicle to enter and exit the site on waste collection day(s) only. A plan demonstrating the proposed signage and line marking within Council’s Public Domain shall be prepared by a suitably qualified person and submitted to and approved by the Ryde Traffic Committee prior to the issue of an Occupation Certificate.*

Note: *The applicant is advised that the plan will require approval by the Ryde Traffic Committee and adequate time should be allowed for this process.*

CONTEXT

- St Annes Street is a local road with a posted speed limit of 50km/h.
- St Annes Street has a 7.5 metre wide carriageway, with unrestricted parking allowed on both sides of the street.

REFERENCES

- *[NSW] Road Rules 2014 Rule 167 No stopping signs*

COMMUNITY ENGAGEMENT

No public consultation is required as the proposed restrictions are required to enable the proposed development to be serviced.

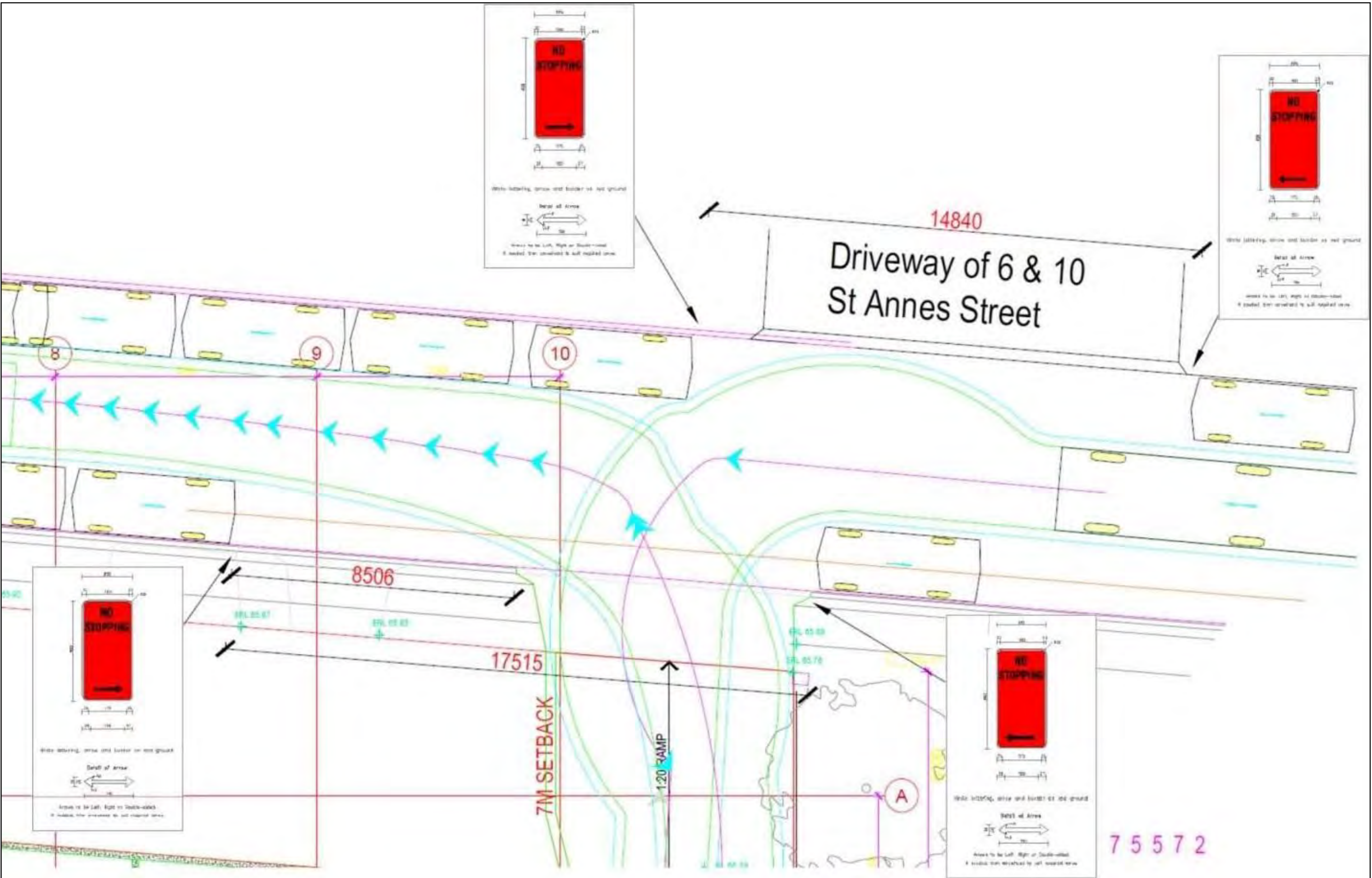


Figure M1: Proposed No Stopping signage



APPROVALS

At its meeting held on 27 March 2018, Council delegated authority to staff to approve installing 'NO STOPPING' restrictions to create two travel lanes at a curve, bend, crest, or intersection. Should the proposed measures be supported by Ryde Traffic Committee, the matter will be considered approved for installation.

PROPOSAL

To approve the signage plan associated with the proposed development at 723 to 731 Victoria Road, Ryde.

**ITEM (N) 2 ANGAS STREET, MEADOWBANK**

SUBJECT: SIGNAGE AND LINEMARKING PLAN
ELECTORATE: RYDE
WARD: CENTRAL
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: LDA2014/0308 & T2018-02165
OFFICER: K WELLS

INTRODUCTION

The Developer for 2 Angas Street and 115 Bowden Street, Meadowbank has submitted a signage and line marking plan for the area surrounding their site, to satisfy Condition 131 of their Development Consent LDA2014/308. The changes require approval by the Council, via the Ryde Traffic Committee.

BACKGROUND

The Conditions of Consent for LDA2014/308 at 2 Angas Street and 115 Bowden Street, Meadowbank include:

131. *Signage and Linemarking – External* – A plan showing the proposed signage and line marking within Council's Public Domain shall be prepared by a suitably qualified person and submitted to and approved by the Ryde Traffic Committee prior to the issue of any Occupation Certificate. This is to include the requirements as specified condition 131.

Note: The applicant is to submit the signage and linemarking plan with adequate time for the review to take place.

CONTEXT

- Angas Street is a local road with speed limit of 50km/h.
- Angas Street has an approximately 11 metre wide carriageway, with unrestricted parking available on both sides of the street.

REFERENCES

- [NSW] Road Rules 2014 Rule 167 No stopping signs
- [NSW] Road Rules 2014 Rule 168 No parking signs.

COMMUNITY ENGAGEMENT

Given the low impact of the changes, and the requirement for servicing the development no public consultation has been undertaken.



APPROVALS

The applicant requires approval of the signage and line marking plan to satisfy the Conditions of Consent.

PROPOSAL

To approve the attached signage and line marking plan C116 (Revision C), prepared by Australian Consulting Engineers for the development at 2 Angas Street and 115 Bowden Street, Meadowbank.



Figure N1 – Spatial View of Locations as follows:

- Item (N) – 2 Angas Street & 115 Bowden Street, Meadowbank
- Item (O) – 117 to 119 Bowden Street, Meadowbank
- Item (P) – 121 Bowden Street, Meadowbank
- Item (Q) – 116 Bowden Street & 33 to 37 Nancarrow Avenue, Meadowbank

**ITEM (O) 117 TO 119 BOWDEN STREET, MEADOWBANK**

SUBJECT: SIGNAGE AND LINE MARKING PLAN
ELECTORATE: RYDE
WARD: CENTRAL
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: LDA2015/0220 & T2018-02166
OFFICER: K WELLS

INTRODUCTION

The developer for 117 to 119 Bowden Street, Meadowbank has submitted a signage and line marking plan for the area surrounding their site, to satisfy Condition 132 of Development Consent LDA2015/220. The changes require approval by Council, via the Ryde Traffic Committee. The signage and line marking plan refers to the section of the property that has an Angas Street frontage.

BACKGROUND

The Conditions of Consent for LDA 2015/220 at 117 to 119 Bowden Street, Meadowbank include:

- 5. *Signage and Linemarking – External*** – A plan showing the proposed signage and line marking within Council's Public Domain shall be prepared by a suitably qualified person and submitted to and approved by the Ryde Traffic Committee prior to the issue of any Occupation Certificate. This is to include the requirements as specified condition 131.

Note: The applicant is to submit the signage and linemarking plan with adequate time for the review to take place.

CONTEXT

- Angas Street is a local road with a posted speed limit of 50km/h.
- Angas Street has an 11 metre wide carriageway with unrestricted parking available on both sides of the street.

REFERENCES

- *[NSW] Road Rules 2014 Rule 167 No stopping signs*
- *[NSW] Road Rules 2014 Rule 168 No parking signs.*



COMMUNITY ENGAGEMENT / DISCUSSION

Given that the proposed changes are along the development site frontage and are required for the servicing of the development, no public consultation was undertaken.

APPROVALS

The applicant requires approval of drawing C700 (Issue C), prepared by Australian Consulting Engineers for the development at 117 to 119 Bowden Street, Meadowbank to satisfy the Conditions of Consent.

PROPOSAL

To approve the attached the signage and line marking drawing C700 (Issue C), prepared by Australian Consulting Engineers for the development at 117 to 119 Bowden Street, Meadowbank.

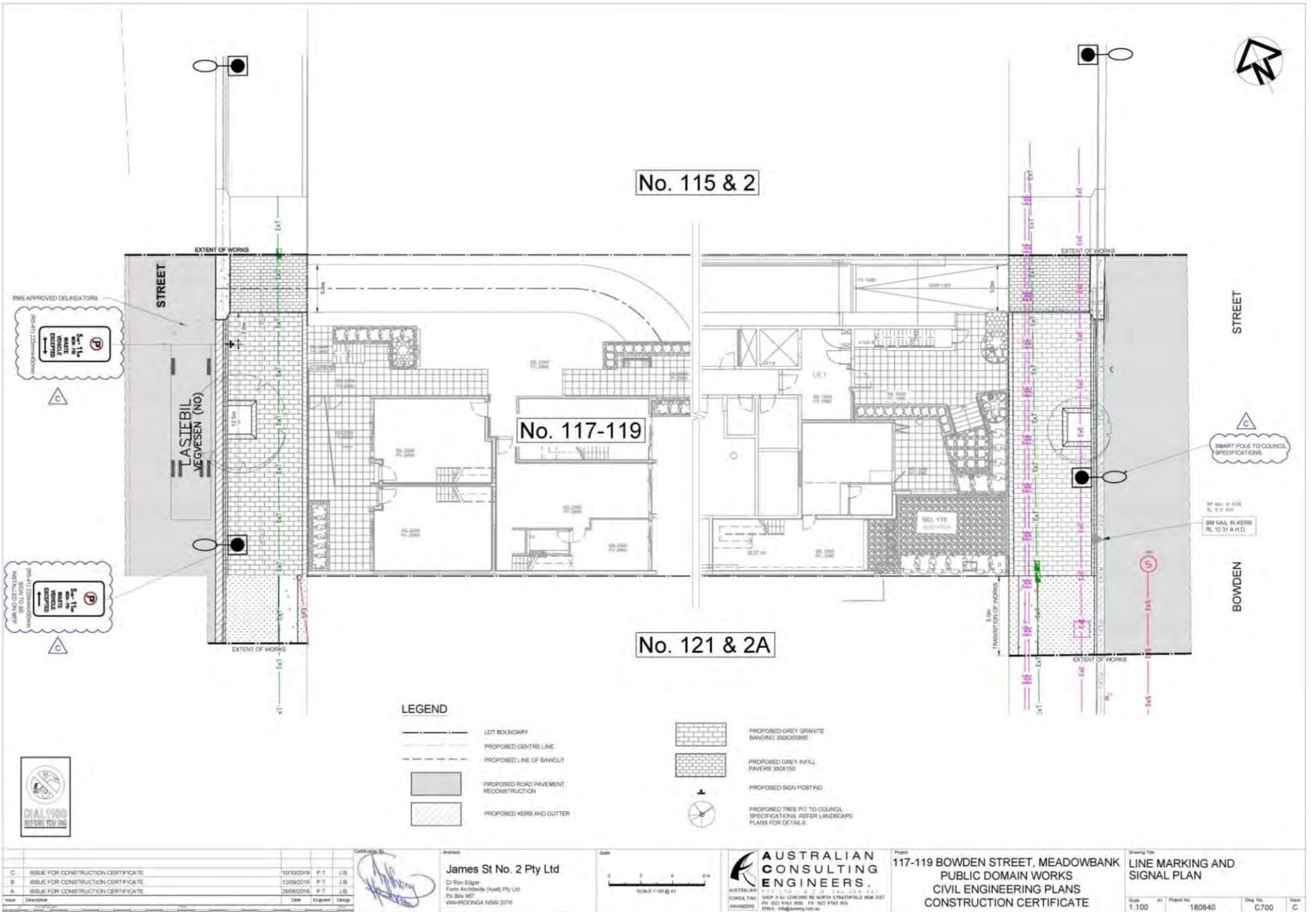


Figure O1 – Signage & Linemarking Plan

**ITEM (P) 121 BOWDEN STREET, MEADOWBANK**

SUBJECT: SIGNAGE AND LINEMARKING PLAN
ELECTORATE: RYDE
WARD: CENTRAL
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: LDA2016/324 & T2018-02086
OFFICER: K WELLS

INTRODUCTION

The developer of 121 Bowden Street and 2A Angus Street, Meadowbank has submitted public domain plans for the area surrounding their site, to address Condition 142 of LDA 2016/324. The changes require approval by the Council, via the Ryde Traffic Committee.

BACKGROUND

The Condition 142 of LDA2016/324 at the abovementioned location includes:

144. Signage and Linemarking – External. *A plan demonstrating the proposed signage (including signage required for waste collection) and line marking within Council's Public Domain shall be prepared by a suitably qualified person and submitted to and approved by the Ryde Traffic Committee prior to the issue of an Occupation Certificate*

Note: *The applicant is advised that the plan will require approval by the Ryde Traffic Committee and adequate time should be allowed for this process.*

CONTEXT

- Bowden Street is a local road with speed limit of 50km/h and has an approximately 11 metre wide carriageway, with unrestricted parking on both sides of the street.

REFERENCES

- *[NSW] Road Rules 2014 Rule 168 No parking signs.*
- *[NSW] Road Rules 2014 Rule 208 Parallel parking on a road (except in a median strip parking area).*

COMMUNITY ENGAGEMENT

Given the low impact of the changes, no public consultation has been undertaken.



DISCUSSION

The proposed signage is required to facilitate servicing of the development.

APPROVALS

The applicant requires Ryde Traffic Committee approval of the signage and line marking plan to satisfy the Conditions of Consent.

PROPOSAL

To approve the signage and linemarking plan, associated with the proposed development at 121 Bowden Street and 2A Angus Street, Meadowbank.



Figure P1 – Aerial Image of Location

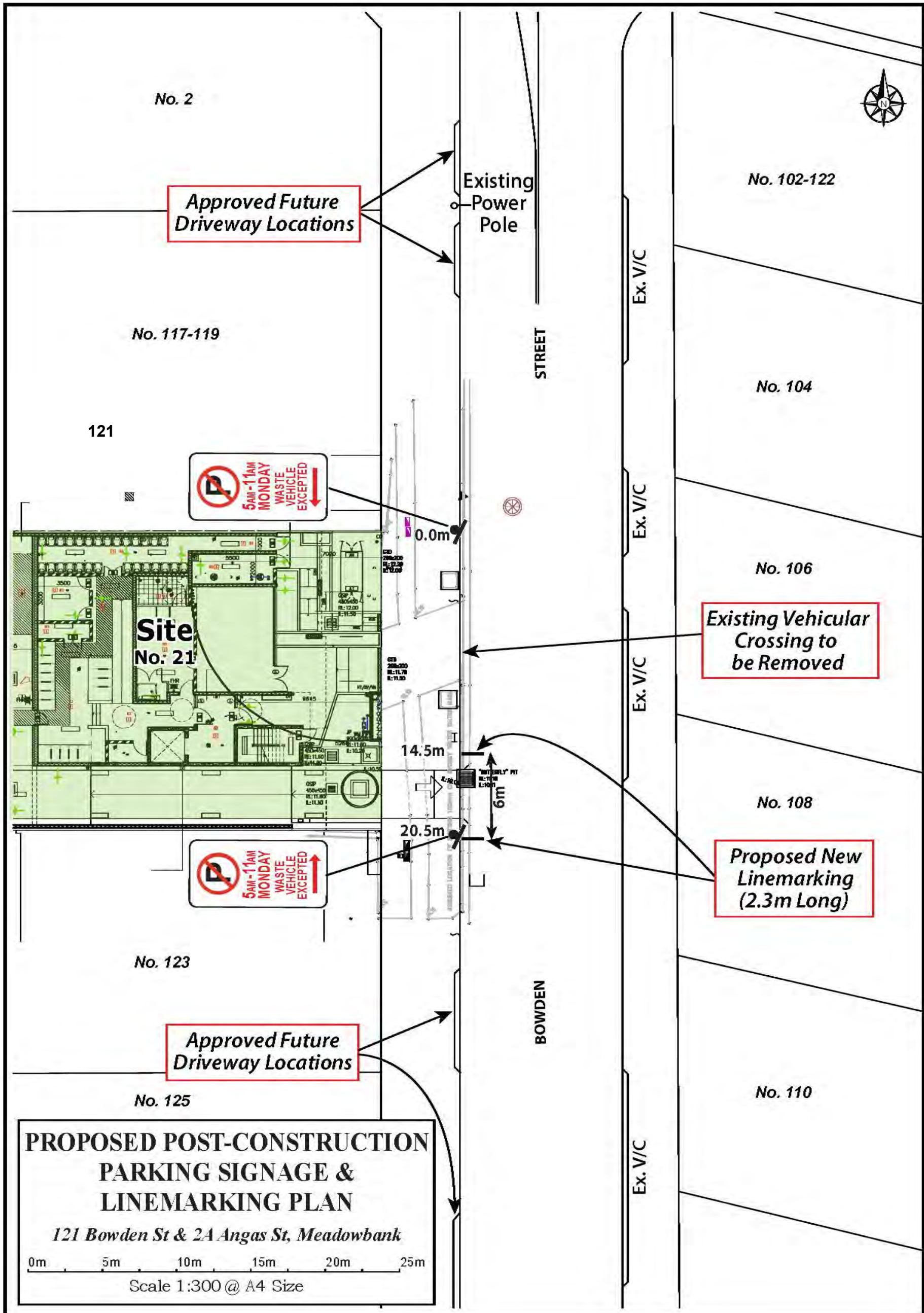


Figure P2 – Signage & Linemarking Plan



In this respect, safe access must be provided for the waste collection vehicles to service the waste containers. "No standing" signs will be required on the kerbside of Truck Loading Bay to enable the trucks to access the bins for serving.

45. Public Infrastructure Works

- h) Installation of the Underdale Lane LATM measures*
- i) Installation of a pedestrian crossing facility at Bowden Street/Nancarrow Avenue*

CONTEXT

1. Bowden Street is a local road with a speed limit of 50km/h and has an 11 metre wide carriageway.
2. Nancarrow Avenue is a local road. Due to the recent construction in the area, Nancarrow Avenue will be completely redesigned and constructed.

REFERENCES

- *[NSW] Road Rules 2014 Rule 168 No parking signs.*
- *[NSW] Road Rules 2014 Rule 81 Giving way at a pedestrian crossing.*

DISCUSSION

The plans have been reviewed internally by Council staff and meet Council's requirements.

APPROVALS

The applicant requires the Ryde Traffic Committee endorsement of the proposed raised pedestrian crossing on Bowden Street, traffic calming device on Nancarrow Avenue and the signage and line marking associated with and in proximity to these devices to satisfy the conditions of consent.

PROPOSAL

To approve the attached design plans for the proposed raised pedestrian crossing on Bowden Street, traffic calming device on Nancarrow Avenue and the associated signage and line marking associated with and in proximity to these devices.

All details associated with the above facilities can be found on the following plans: C082 Revision G, C090 Revision G, C091 Revision F and C092 Revision G, prepared by HOLDMARK, for the Shepherds Bay Urban Development Stage 6-9, Meadowbank.

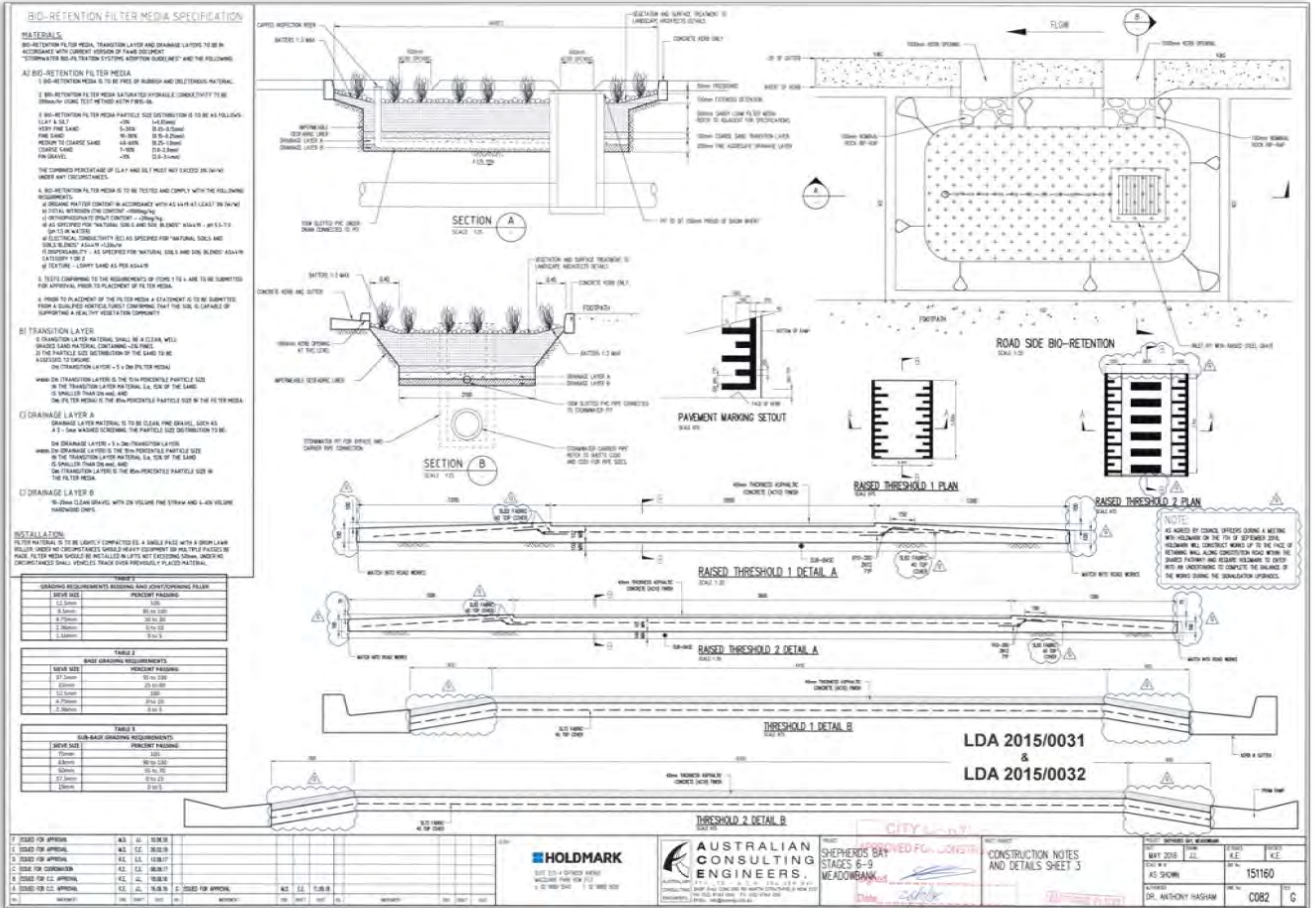
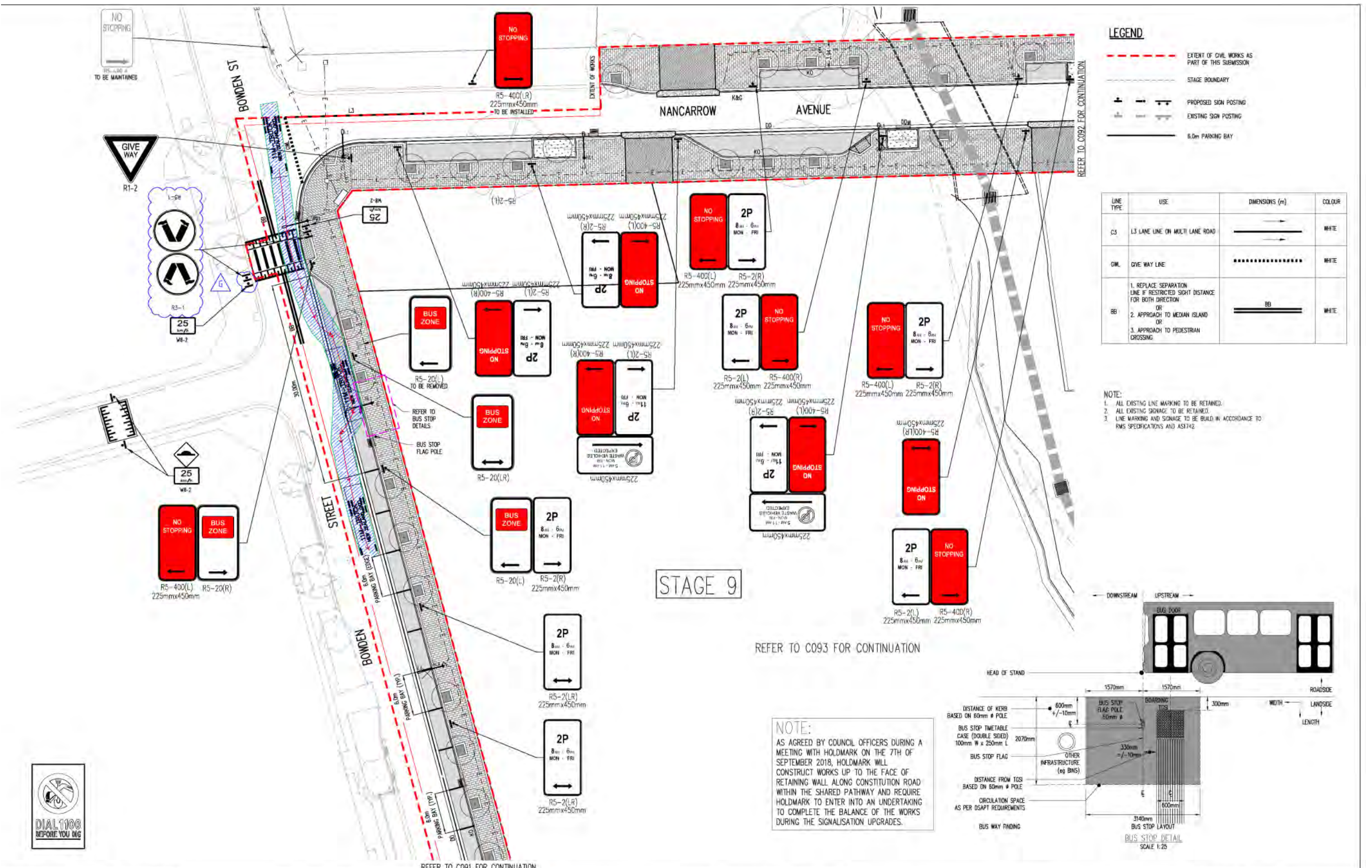


Figure Q1 - Civil Plan

Figure Q2 – Signage & Linemarking Plan

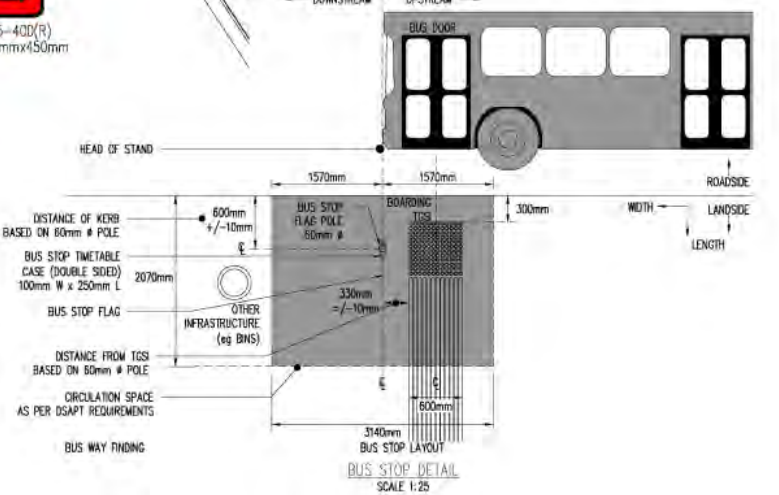


LEGEND

[Red dashed line]	EXTENT OF CIVIL WORKS AS PART OF THIS SUBMISSION		
[Dashed line]	STAGE BOUNDARY		
[Red sign symbol]	PROPOSED SIGN POSTING		
[Black sign symbol]	EXISTING SIGN POSTING		
[Blue hatched area]	8.0m PARKING BAY		

LINE TYPE	USE	DIMENSIONS (m)	CLOUR
C3	L3 LANE LINE ON MULTI LANE ROAD	[Diagram of lane line]	WHITE
GWL	GIVE WAY LINE	[Diagram of give way line]	WHITE
BB	1. REPLACE SEPARATION LINE IF RESTRICTED SIGHT DISTANCE FOR BOTH DIRECTION OR 2. APPROACH TO MEDIAN ISLAND OR 3. APPROACH TO PEDESTRIAN CROSSING	[Diagram of bus bay line]	WHITE

NOTE:
 1. ALL EXISTING LINE MARKING TO BE RETAINED.
 2. ALL EXISTING SIGNAGE TO BE RETAINED.
 3. LINE MARKING AND SIGNAGE TO BE BUILT IN ACCORDANCE TO RMS SPECIFICATIONS AND AS1742.



NOTE:
 AS AGREED BY COUNCIL OFFICERS DURING A MEETING WITH HOLDMARK ON THE 7TH OF SEPTEMBER 2018, HOLDMARK WILL CONSTRUCT WORKS UP TO THE FACE OF RETAINING WALL ALONG CONSTITUTION ROAD WITHIN THE SHARED PATHWAY AND REQUIRE HOLDMARK TO ENTER INTO AN UNDERTAKING TO COMPLETE THE BALANCE OF THE WORKS DURING THE SIGNALISATION UPGRADES.

NO.	REVISION	ENG	DRAFT	DATE	NO.	REVISION	ENG	DRAFT	DATE
F	ISSUED FOR APPROVAL	M.D.	E.E.	11.06.18					
E	ISSUED FOR APPROVAL	M.D.	J.L.	10.02.18					
D	ISSUED FOR APPROVAL	M.D.	E.E.	23.07.18					
C	ISSUED FOR APPROVAL	M.D.	E.E.	29.06.18					
B	ISSUED FOR APPROVAL	M.D.	E.E.	22.05.18					
A	ISSUED FOR APPROVAL	M.D.	E.E.	26.02.18	G	ISSUED FOR RTC APPROVAL	M.D.	J.L.	30.10.18

HOLDMARK
 SUITE 2/2-A DUNDON AVENUE
 MACQUARIE PARK NSW 2113
 P. 02 9559 5540 F. 02 9559 5820

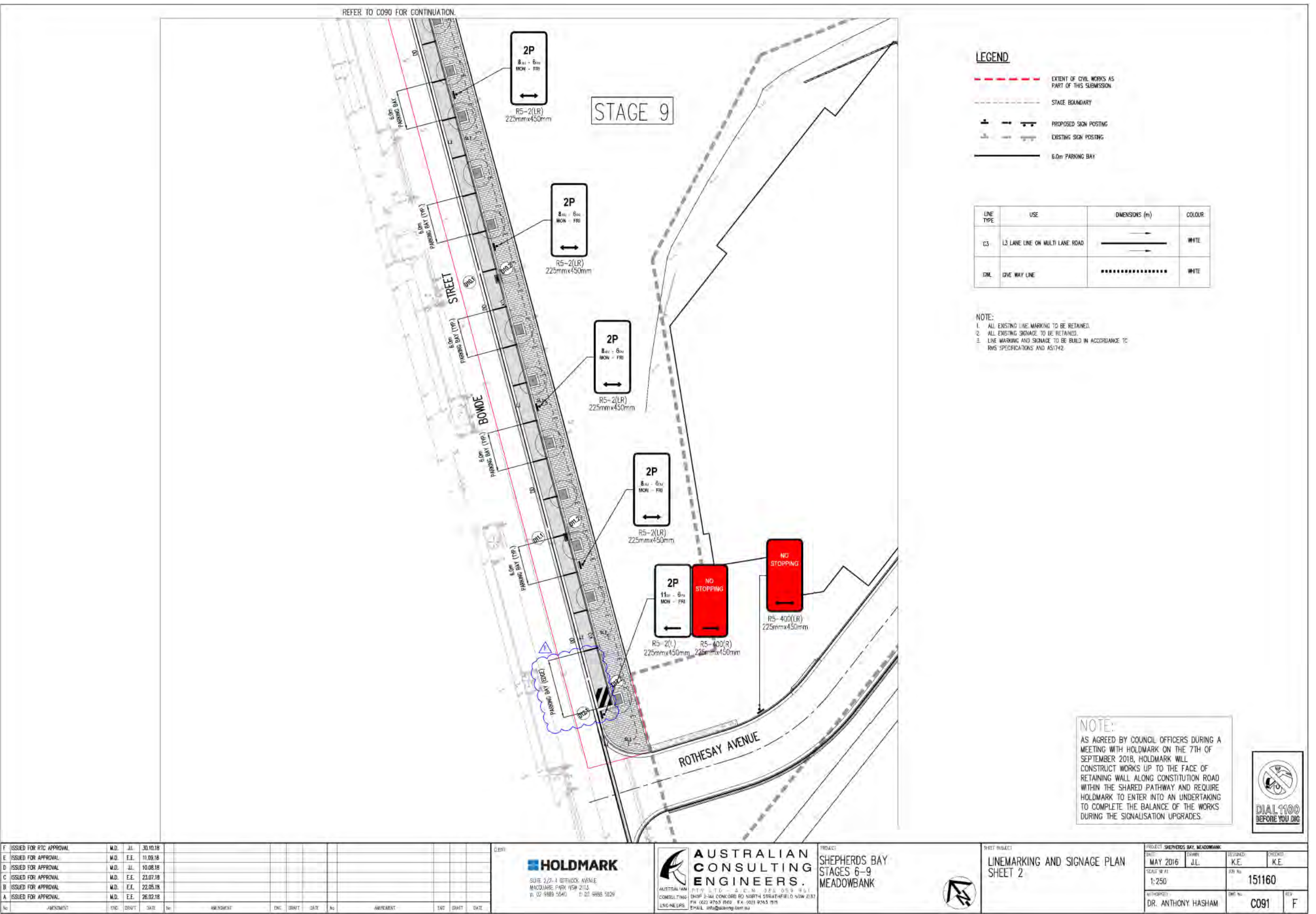
AUSTRALIAN CONSULTING ENGINEERS
 SUITE 1/10 B.C. 0/4 P.O. BOX 904
 SHOP 2/44 CONCORDE RD NORTH STRATHFIELD NSW 2157
 PH. (02) 9763 1500 FX. (02) 9765 616
 EMAIL: info@aceng.com.au

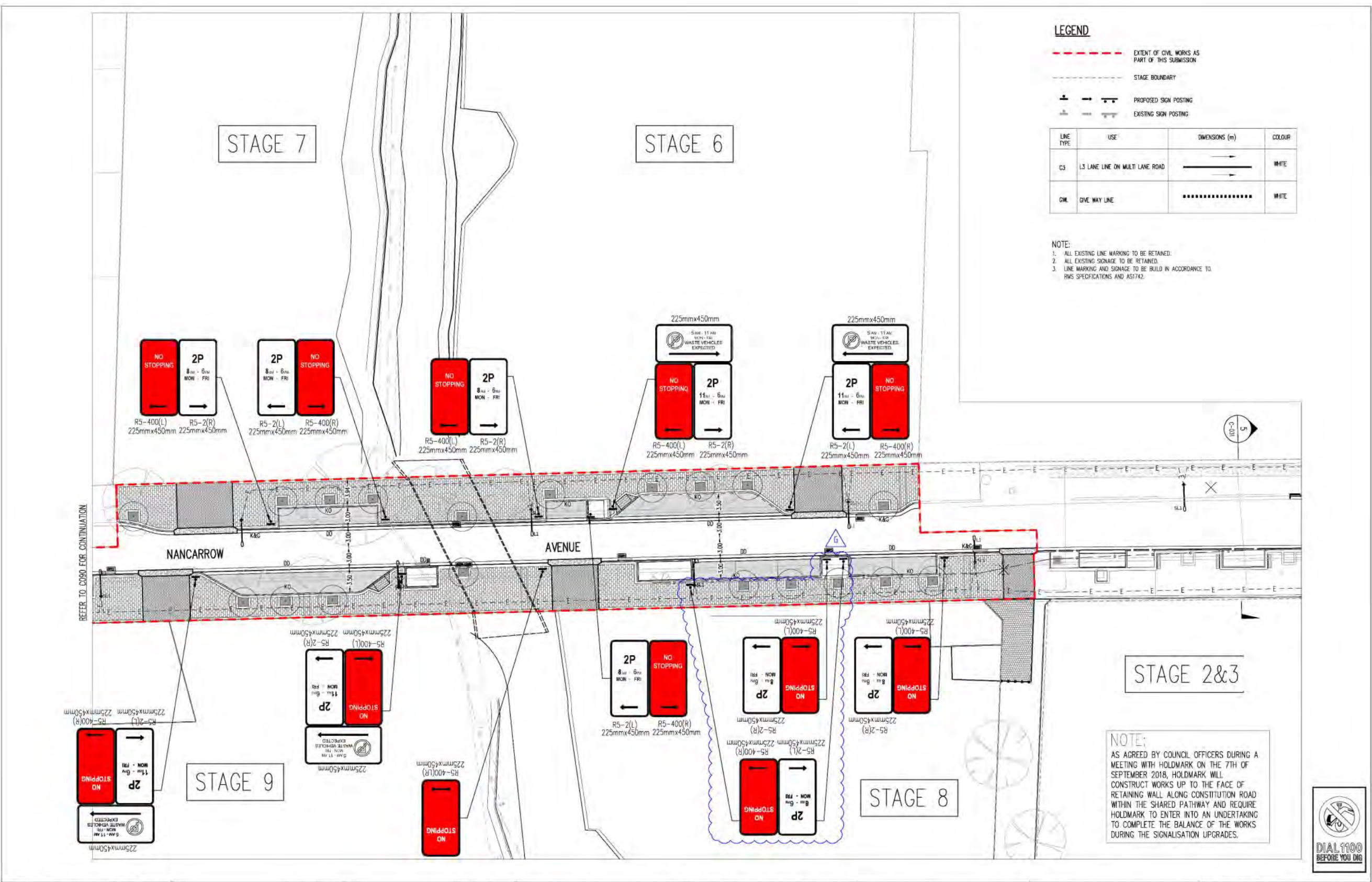
PROJECT: SHEPHERD'S BAY STAGES 6-9 MEADOWBANK

SHEET SUBJECT: LINEMARKING AND SIGNAGE PLAN SHEET 1

PROJECT: SHEPHERD'S BAY, MEADOWBANK			
DATE:	DRAWN:	REVISION:	CHECKED:
MAY 2016	J.L.	K.E.	K.E.
SCALE @ A1:	DIP NO:		151160
1:250			
AUTHORISED:	DWG NO:	REV:	
DR. ANTHONY HASHAM	C090	G	

Figure Q3 – Signage & Linemarking Plan





LEGEND

--- EXTENT OF CIVIL WORKS AS PART OF THIS SUBMISSION

--- STAGE BOUNDARY

--- PROPOSED SIGN POSTING

--- EXISTING SIGN POSTING

LINE TYPE	USE	DIMENSIONS (m)	COLOUR
C3	L3 LANE LINE ON MULTI LANE ROAD	→	WHITE
CML	ONE WAY LINE	WHITE

NOTE:

- ALL EXISTING LINE MARKING TO BE RETAINED.
- ALL EXISTING SIGNAGE TO BE RETAINED.
- LINE MARKING AND SIGNAGE TO BE BUILT IN ACCORDANCE TO RMS SPECIFICATIONS AND AS1742.

NOTE:

AS AGREED BY COUNCIL OFFICERS DURING A MEETING WITH HOLDMARK ON THE 7TH OF SEPTEMBER 2018, HOLDMARK WILL CONSTRUCT WORKS UP TO THE FACE OF RETAINING WALL ALONG CONSTITUTION ROAD WITHIN THE SHARED PATHWAY AND REQUIRE HOLDMARK TO ENTER INTO AN UNDERTAKING TO COMPLETE THE BALANCE OF THE WORKS DURING THE SIGNALISATION UPGRADES.



F ISSUED FOR APPROVAL M.D. E.E. 11.09.18 J.L.				E ISSUED FOR APPROVAL M.D. E.E. 10.08.18 J.L.				D ISSUED FOR APPROVAL M.D. E.E. 23.07.18 J.L.				C ISSUED FOR APPROVAL M.D. E.E. 29.06.18 J.L.				B ISSUED FOR APPROVAL M.D. E.E. 22.05.18 J.L.				A ISSUED FOR APPROVAL M.D. E.E. 26.02.18 J.L.			
G ISSUED FOR RTC APPROVAL M.D. J.L. 30.10.18																							
NO	AMENDMENT	ENG	BRWFT	DATE	NO	AMENDMENT	ENG	BRWFT	DATE	NO	AMENDMENT	ENG	BRWFT	DATE	NO	AMENDMENT	ENG	BRWFT	DATE				

HOLDMARK

13/15E 2/3-4 OPTIMAX AVENUE
 MACQUARIE PARK NSW 2113
 P. 02 9889 5540 F. 02 9889 5820

AUSTRALIAN CONSULTING ENGINEERS.

13/15E 2/3-4 OPTIMAX AVENUE
 MACQUARIE PARK NSW 2113
 P. (02) 9763 1500 F. (02) 9763 1515
 EMAIL: info@aceeng.com.au

PROJECT: SHEPHERDS BAY MEADOWBANK STAGES 6-9 MEADOWBANK

SHEET SUBJECT: LINEMARKING AND SIGNAGE PLAN SHEET 3

PROJECT: SHEPHERDS BAY MEADOWBANK

DATE: MAY 2016	DRAWN: J.L.	DESIGNED: K.E.	CHECKED: K.E.
SCALE: 1:250	JOB NO: 151160		
AUTHORISED: DR. ANTHONY HASHAM	DATE: C092	REV: G	

Figure Q4 – Signage & Linemarking Plan

**ITEM (R) 2 TO 6 JUNCTION STREET, RYDE**

SUBJECT: SIGNAGE AND LINEMARKING PLAN
ELECTORATE: RYDE
WARD: CENTRAL
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: LDA2015/124 & T2018-02164
OFFICER: K WELLS

INTRODUCTION

The developer for 2 to 6 Junction Street, Ryde has submitted a signage and linemarking plan for the area surrounding their site to facilitate servicing the development.

BACKGROUND

The signage and linemarking plan supplied to Council proposes changes to parking restrictions on Porter Street, Ryde to facilitate waste collection services. No Parking 5am-11am Tues is proposed along the Porter Street frontage of the development.

CONTEXT

- Junction Street is a local road with a speed limit of 50km/h.
- Porter Street is a local road with a carriageway width of 8 metres.
- Currently unrestricted parking is available along the Porter Street frontage of the development.

REFERENCES

- *[NSW] Road Rules 2014 Rule 167 No stopping signs*
- *[NSW] Road Rules 2014 Rule 168 No parking signs.*

COMMUNITY ENGAGEMENT

No public consultation is required as the proposed part time No Parking restrictions are required to service the proposed development.

APPROVALS

The applicant requires approval of the signage and line marking plans to satisfy the conditions of consent.



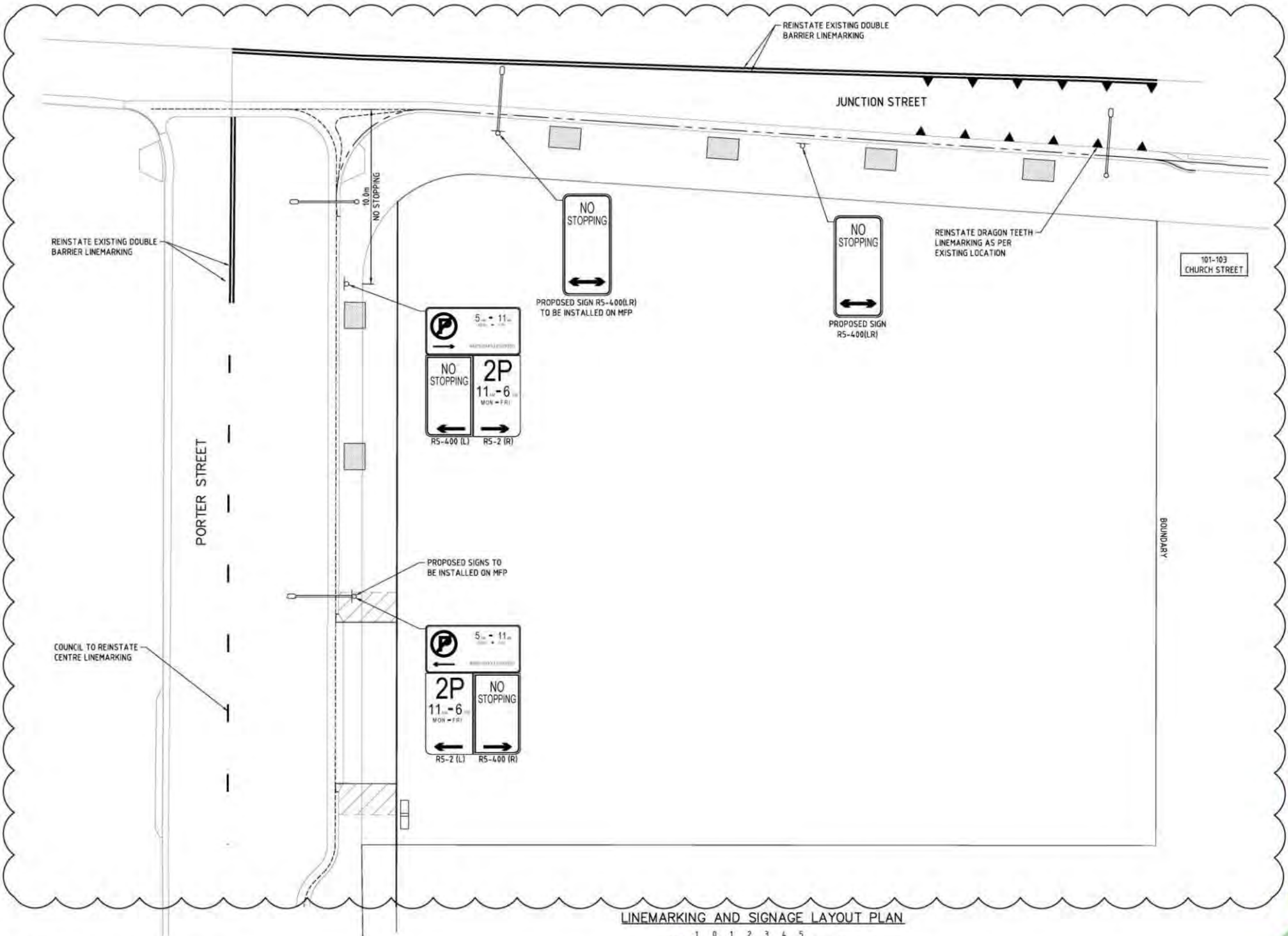
PROPOSAL

To approve the attached signage and line marking plan 160342 C15 (Revision 10), prepared by Greenview Consulting for the development at 2 to 6 Junction Street, Ryde.



Figure R1 – Spatial View of Locations

- *Item (R) – 2 to 6 Junction Street*
- *Item (S) – 101 to 103 Church Street*



LINEMARKING AND SIGNAGE LAYOUT PLAN

SCALE 1:100 (FULL SIZE) (metres)

REV	DATE	BY	DESCRIPTION	REV	DATE	BY	DESCRIPTION
8	09.10.17	QT	ISSUED FOR APPROVAL OF PUBLIC DOMAIN WORK				
5	17.07.17	QT	ISSUED FOR APPROVAL OF PUBLIC DOMAIN WORK				
4	15.06.17	QT	ISSUED FOR CONSTRUCTION APPROVAL	10	08.10.18	TG	ADDITIONAL COUNCIL REVISIONS
3	30.09.16	CH	VERGE CROSSFALL REVISED TO 2.5%	9	14.08.18	TG	ADDITIONAL COUNCIL REVISIONS
2	10.08.16	HW	ISSUED FOR APPROVAL	8	25.07.18	TG	FURTHER COUNCIL REVISIONS
1	18.07.16	HW	ISSUED FOR APPROVAL	7	08.03.18	TG	COUNCIL REVISIONS

DESIGN: QT
 DRAWN: QT
 SCALE: AS SHOWN
 SIZE: A1



APPROVED
 ALISTAR MACKENZIE
 UTM MFR

PROPOSED DEVELOPMENT
 2-6 Junction Street, Ryde NSW 2113
 I-Prosperity Ryde Project 1 PTY LTD

LINEMARKING AND SIGNAGE LAYOUT PLAN

160342
 CC
 C15

Figure R2 – Signage & Linemarking Plan

**ITEM (S) 101 TO 103 CHURCH STREET, RYDE**

SUBJECT: SIGNAGE AND LINE MARKING PLAN
ELECTORATE: RYDE
WARD: CENTRAL
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: LDA2016/84 & T2018-02167
OFFICER: K WELLS

INTRODUCTION

The developer for 101 to 103 Church Street, Ryde has submitted a signage and line marking plan for the area surrounding their site, to satisfy Condition 99 of their Development Consent LDA2016/84. The changes require approval by Council, via the Ryde Traffic Committee.

BACKGROUND

The Conditions of Consent for LDA 2016/84 at 101 to 103 Church Street, Ryde include:

- 99. *Signage and Linemarking – External “NO PARKING” signs shall be installed on Junction Street to enable Council’s waste vehicle to collect waste along site’s frontage road. “NO STOPPING” signs shall remain for first 20m on Junction Street, west of Church Street traffic signals. A plan demonstrating the proposed signage and line marking within Council’s Public Domain shall be prepared by a suitably qualified person and submitted to and approved by the Ryde Traffic Committee prior to the issue of an Occupation Certificate.***

Note: *The applicant is advised that the plan will require approval by the Ryde Traffic Committee and adequate time should be allowed for this process.*

CONTEXT

- Church Street is a 6 lane state road with a posted speed limit of 60km/h
- Junction Street is a local road, with a posted speed limit of 50km/h. A 40km/h school zone operates along Junction Street, where full time No Stopping restrictions are in force along the site frontage.

REFERENCES

- *[NSW] Road Rules 2014 Rule 167 No stopping signs*
- *[NSW] Road Rules 2014 Rule 168 No parking signs.*



DISCUSSION

The proposed parking changes are required to enable servicing of the development and are located along the development frontage in Junction Street.

APPROVALS

The applicant requires approval of the attached signage and line marking plan C15 (Revision F), prepared by Australian Consulting Engineers, for the development at 101 to 103 Church Street, Ryde to satisfy the Condition of Consent No: 99.

PROPOSAL

To approve the attached signage and line marking plan C15 (Revision F), prepared by Australian Consulting Engineers, on behalf of Urban Link Pty Ltd for the development at 101 to 103 Church Street, Ryde

**ITEM (T) AEOLUS AVENUE & WOLGER ROAD, RYDE**

SUBJECT: SAFER ROAD PROGRAM 2019/2020 - DESIGN REVIEW
ELECTORATE: RYDE
WARD: CENTRAL
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: D18/133853 & T2018-01729
OFFICER: J BEGLEY

INTRODUCTION

City of Ryde submits funding applications each year to the Blackspot and Safer Roads Programs to address locations with identified crash histories. Council was advised that it was successful in gaining funding of \$50,000 to enhance the intersection of Aeolus Avenue and Wolger Road, Ryde. The above works are to be completed by 30 June 2020.

CONTEXT

- Aeolus Avenue and Wolger Road are local roads with a posted speed limit of 50km/h.
- Wolger Road is the priority road with Aeolus Avenue intersecting Wolger Road via STOP control treatments.
- Both intersections of Aeolus Avenue with Wolger Road are noted for their extreme widths, which offer no safe place for pedestrians to wait when crossing the road.

REFERENCES

- *[NSW] Road Rules 2014 Rule 168 No Stopping*

COMMUNITY ENGAGEMENT

Residents will be notified in advance when works are programmed for installation. This location is known to Council's Traffic team as a highly problematic vehicle crossing location, that requires traffic management measures to improve vehicle guidance and hence intersection safety.



DISCUSSION

It is proposed that median islands be installed on Aeolus Avenue at both its intersections with Wolger Road. These islands are not to be confused with pedestrian refuges and are intended to merely assist pedestrians when traversing the wide intersections whilst also assisting motorists who are accessing each side of Aeolus Avenue. Extended No Stopping restrictions have been provided at the intersection itself, with kerb ramps on Wolger Road relocated away from the immediate intersection to locations where it is safer to cross. New kerb ramps and sections of footpaths have been provided to enhance the walking environment at this intersection. There is a minor loss of 3 on-street parking spaces only.



Figure T1 Location Plan

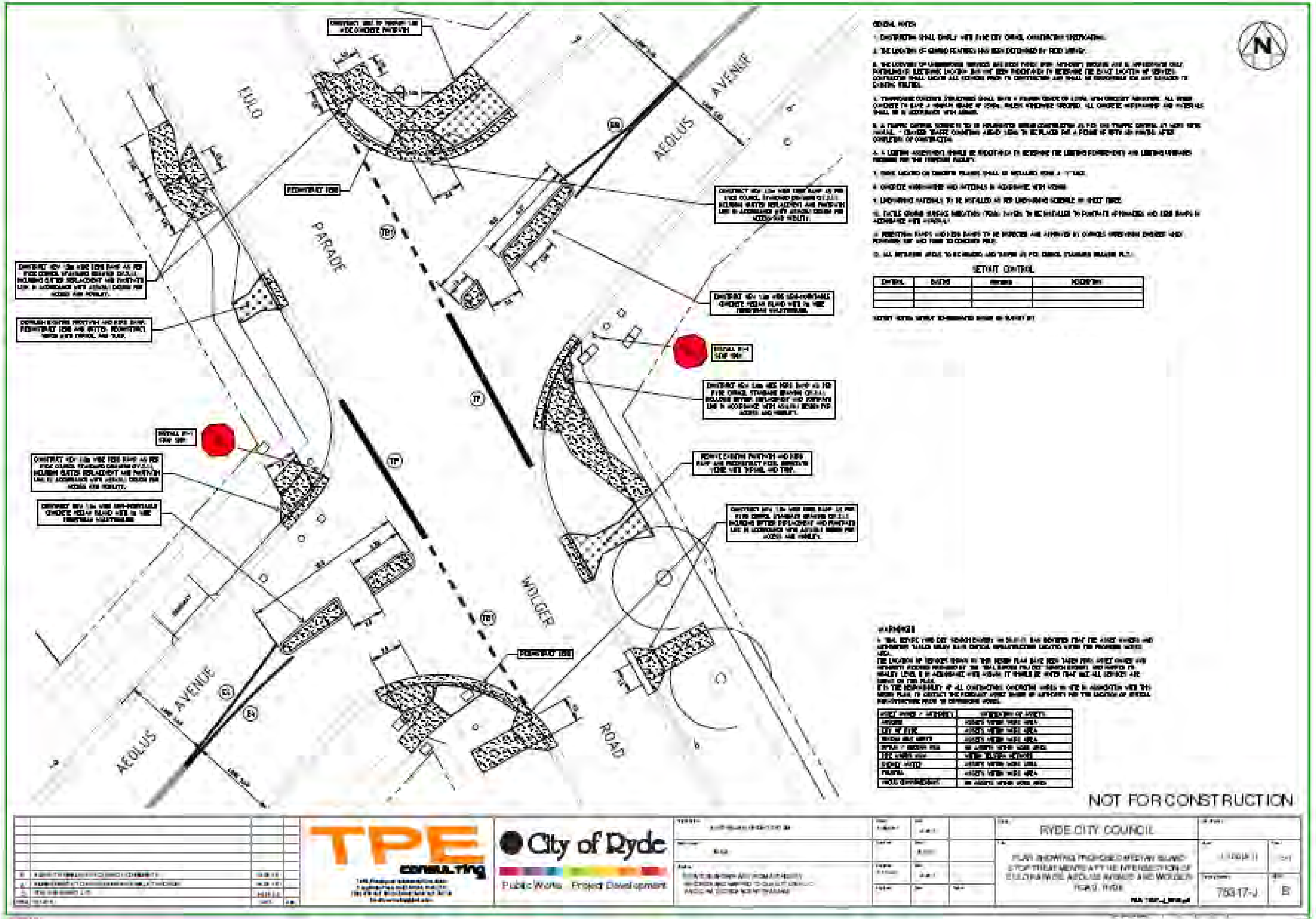


Figure T2

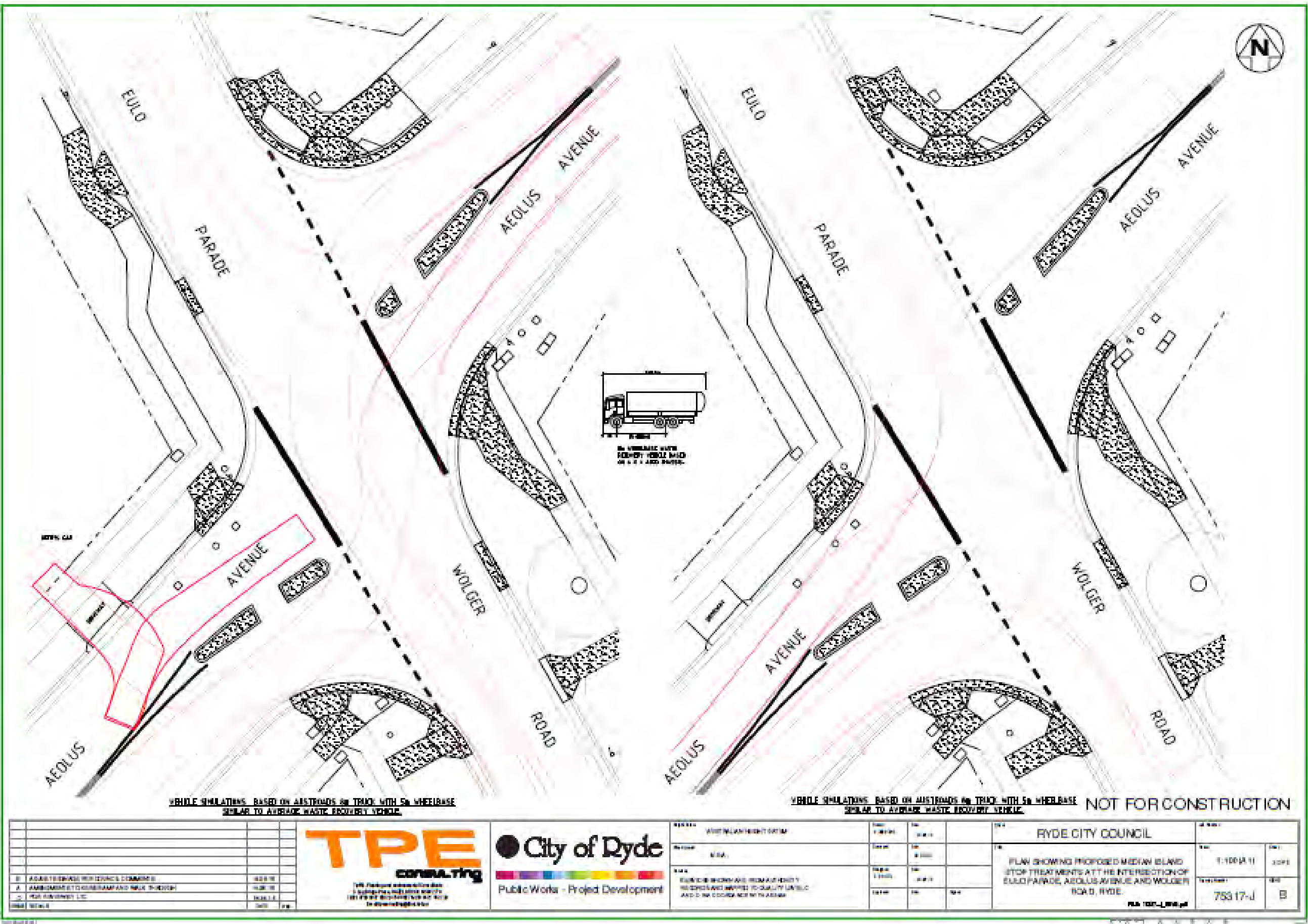


Figure T3

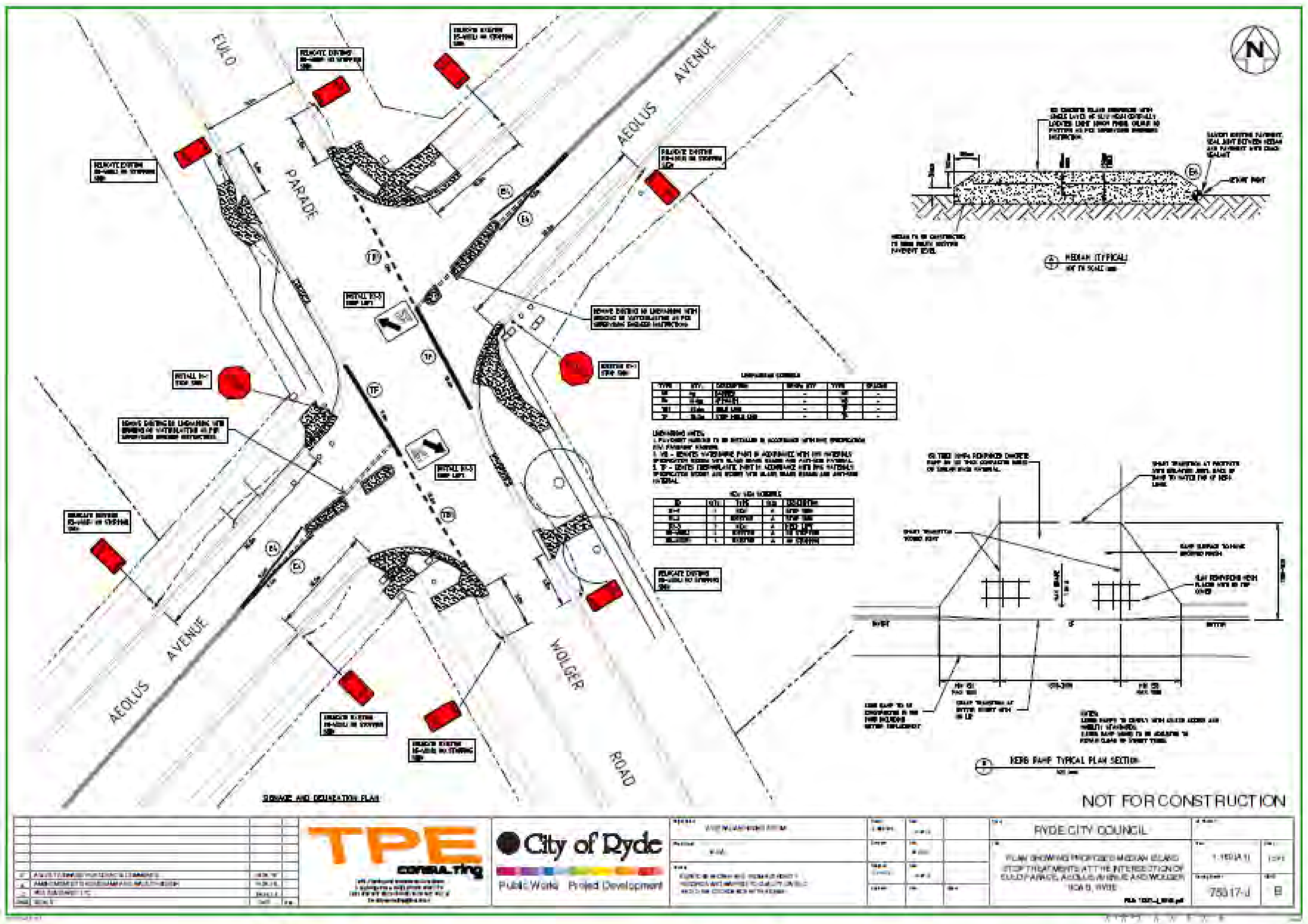


Figure T4



APPROVALS

Should the proposed measures be supported by Ryde Traffic Committee, it is intended that the matter be referred to the Works and Community Committee for consideration of the Council and seek the remaining approvals.

PROPOSAL

Approval in principle for Mist Island Treatments (MIST) and associated No Stopping restrictions.

**ITEM (U) ALISON STREET & NORTH ROAD, EASTWOOD**

SUBJECT: SAFER ROAD PROGRAM 2019/2020 - DESIGN REVIEW
ELECTORATE: RYDE
WARD: WEST
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: D18/133853 & T2018-01730
OFFICER: J BEGLEY

INTRODUCTION

City of Ryde submits funding applications each year to the Blackspot and Safer Roads Programs to address locations with identified crash histories. Council was advised that it was successful in gaining funding of \$35,000 to enhance the intersection of Alison Street and North Road, Eastwood, with traffic calming to be provided on North Road in the vicinity of Longview Street, Eastwood. The above works are to be completed by 30 June 2020.

CONTEXT

- North Road and Alison Street are local roads with a posted speed limit of 50km/h.
- The width of Alison Street at North Road is quite wide and currently offers pedestrians no safe place to wait when traversing the road.
- The intersection of North Road with Alison Street operates under STOP control with North Road being the major road.

REFERENCES

- *[NSW] Road Rules 2014 Rule 168 – No Stopping.*

COMMUNITY ENGAGEMENT

No community consultation has been undertaken at this stage as the purpose of this report is to obtain technical approval from the Ryde Local Traffic Committee. Consultation with directly affected residents will be undertaken at a later stage.



DISCUSSION

The proposal is for a Median Island Stop Treatment (MIST) to be installed in Alison Street at its intersection with North Road with enhanced line marking on the approach to the traffic facility. The above device will formalise the intersection, whilst providing pedestrians with a safe place to wait when traversing the road and will reduce the speed of motorists when making the left turn from North Road into Alison Street. The traffic facility has been designed such that it accommodates the turning path of Council’s 11 metre garbage truck. In addition to the MIST treatment, 2 traffic calming cushions are to be provided on North Road on both approaches to the bend with Longview Street.



Figure U1: Location Plan

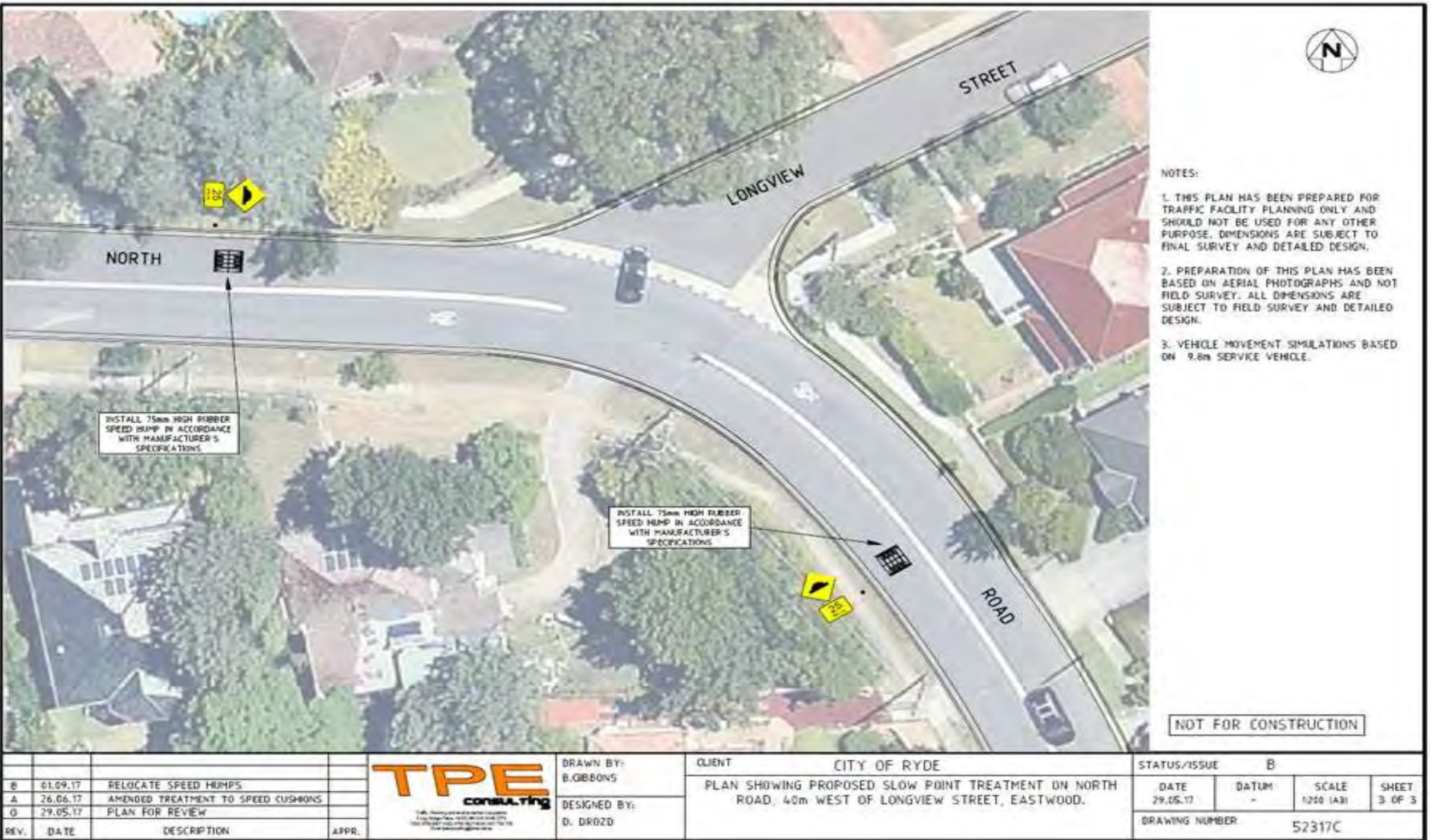


Figure U2

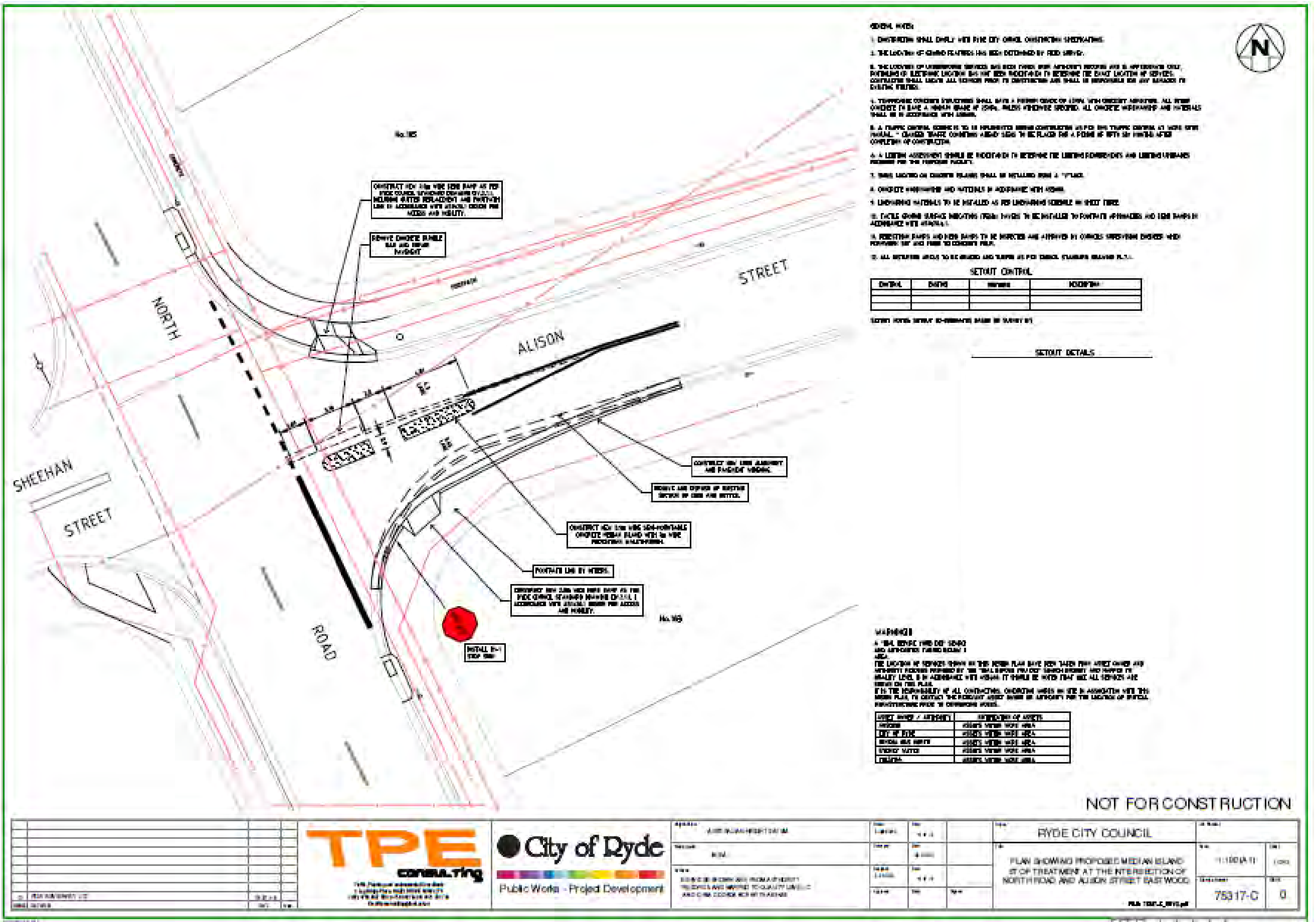


Figure U3

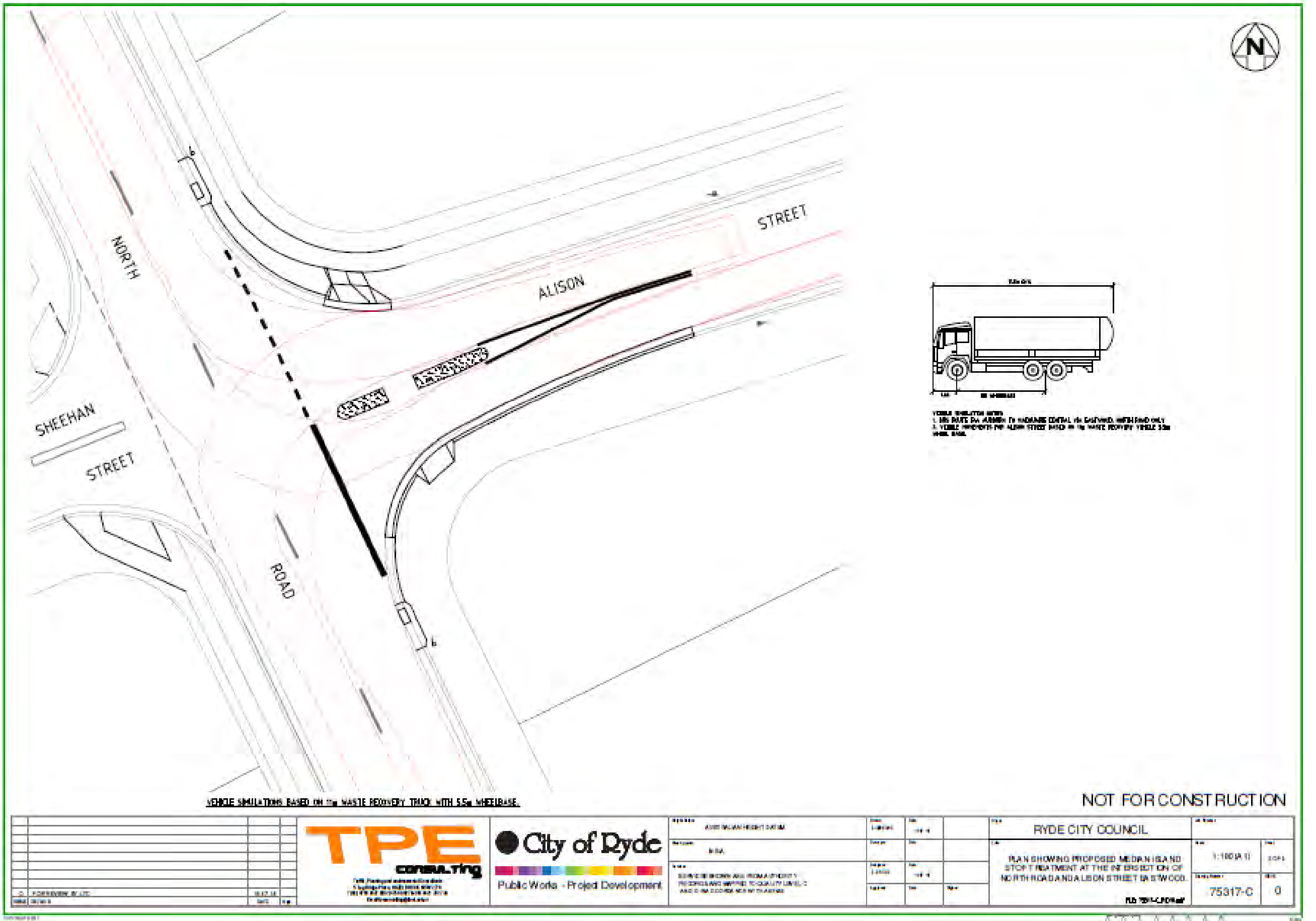


Figure U4

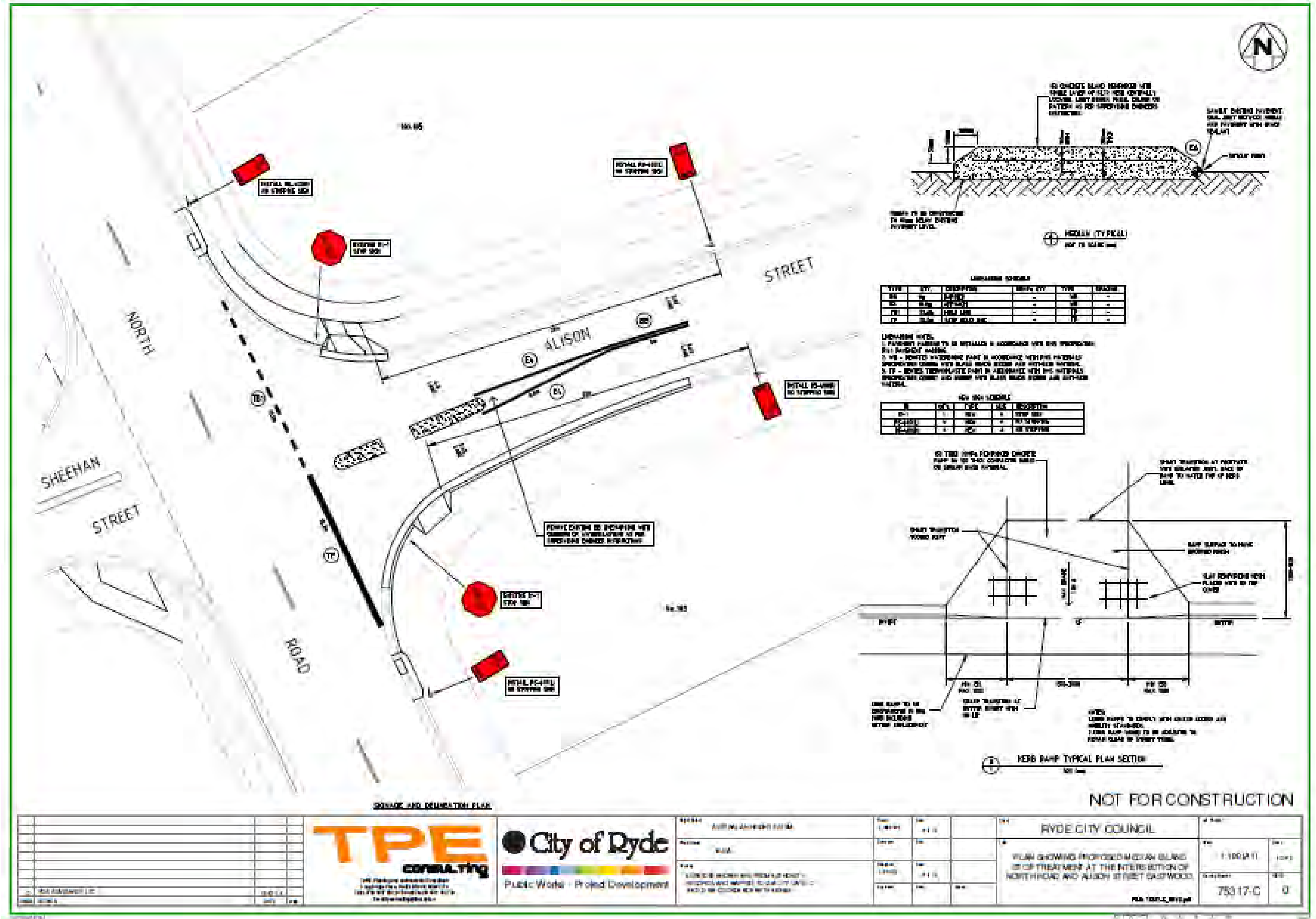


Figure U5

<p>Public Works - Project Development</p>		<p>RYDE CITY COUNCIL</p>		<p>PLAN SHOWING PROPOSED MEDIAN BLIND ISLAND OF TREATMENT AT THE INTERSECTION OF NORTH ROAD AND ALISON STREET EASTWOOD.</p>	
<p>Scale: 1:100 (A1)</p>		<p>Scale: 1:100 (A1)</p>		<p>Scale: 1:100 (A1)</p>	
<p>Project: 75317-C</p>		<p>Project: 75317-C</p>		<p>Project: 75317-C</p>	
<p>Client: Ryde City Council</p>		<p>Client: Ryde City Council</p>		<p>Client: Ryde City Council</p>	
<p>Date: 29/11/2018</p>		<p>Date: 29/11/2018</p>		<p>Date: 29/11/2018</p>	



APPROVALS

Should the proposed measures be supported by Ryde Traffic Committee, it is intended that the matter be referred to the Works and Community Committee for consideration of the Council and seek the remaining approvals.

PROPOSAL

Approval in principle be given to the two traffic calming cushions on North Road in the vicinity of its intersection with Longview Street and for the Median Island Stop Treatment (MIST) in Alison Street at its intersection with North Road.

**ITEM (V) ORCHARD STREET, TERRY ROAD & RYEDALE ROAD,
WEST RYDE**

SUBJECT: SAFER ROAD PROGRAM 2019/2020 - DESIGN REVIEW
ELECTORATE: RYDE
WARD: WEST and CENTRAL
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: D18/133853 & T2018-01731
OFFICER: J BEGLEY

INTRODUCTION

City of Ryde submits funding applications each year to the Blackspot and Safer Roads Programs to address locations with identified crash histories. Council was advised that it was successful in gaining funding of \$325,000 to provide roundabouts at the intersection of Terry Road / Orchard Street and Orchard Street / Forster Street and to convert the “at grade” pedestrian crossing on Ryedale Road, south of Terry Road, to a raised pedestrian crossing. The above works are to be completed by 30 June 2020.

CONTEXT

- Terry Road, Orchard Road, Forster Street and Ryedale Road are all local roads.
- Speed limit on all roads is 50km/h.

COMMUNITY ENGAGEMENT

No community consultation has been undertaken at this stage as the purpose of this report is to obtain the design technical approval from the Ryde Local Traffic Committee. Consultation with residents if directly impacted by the proposal will be undertaken at a later stage.

DISCUSSION**A. *Intersection of Terry Road / Orchard Street:***

The proposal will see the intersection of Terry Road and Orchard Street upgraded to a roundabout controlled intersection. The proposed roundabout has been designed to accommodate the turning paths for the 11 metre garbage trucks used by Council. The roundabout maintains the current access and egress arrangements for resident driveways along Terry Road. There will be a nett loss of five parking spaces along Terry Road due to the roundabout, however all residents have access to off-street parking.

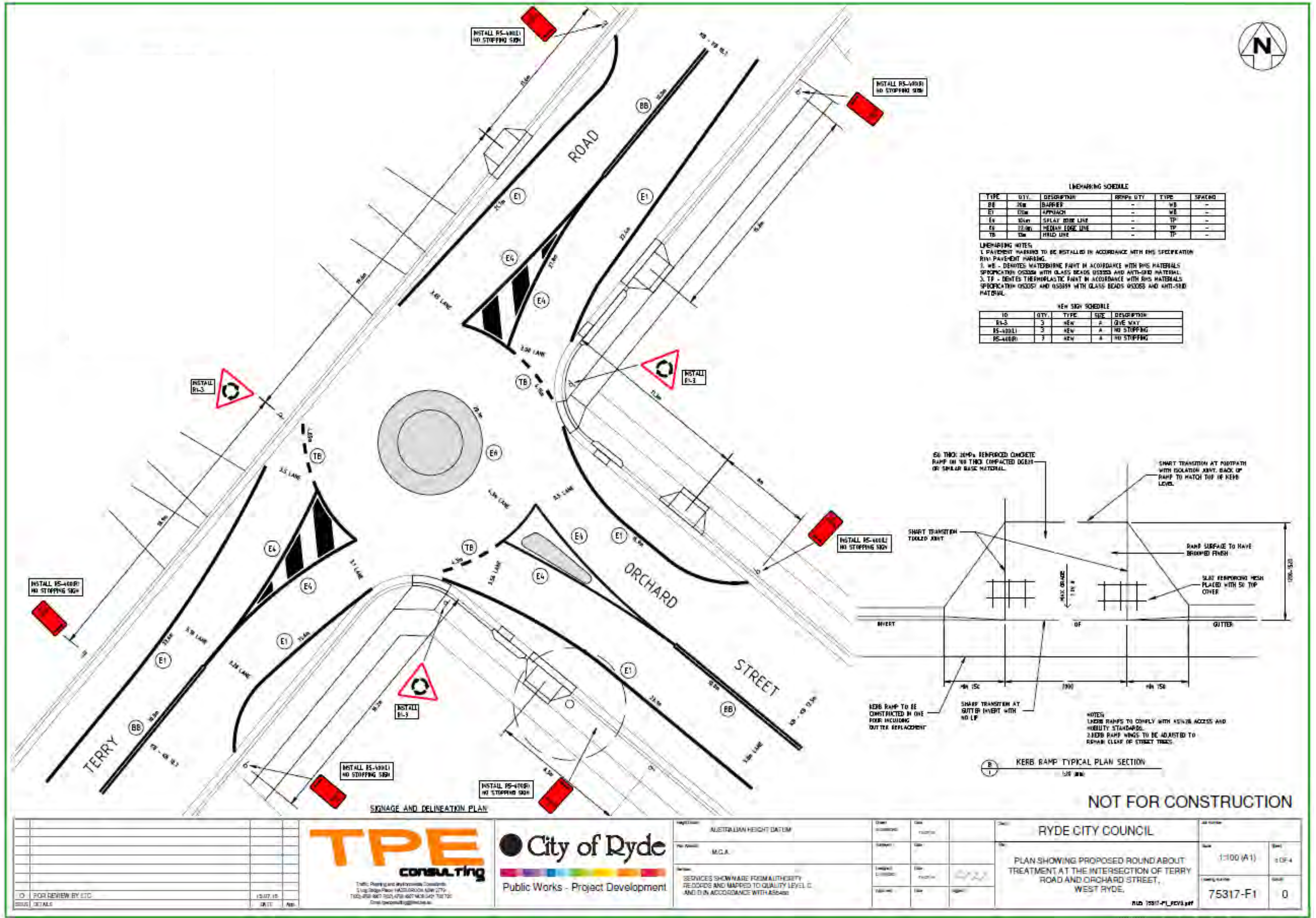


Figure V1

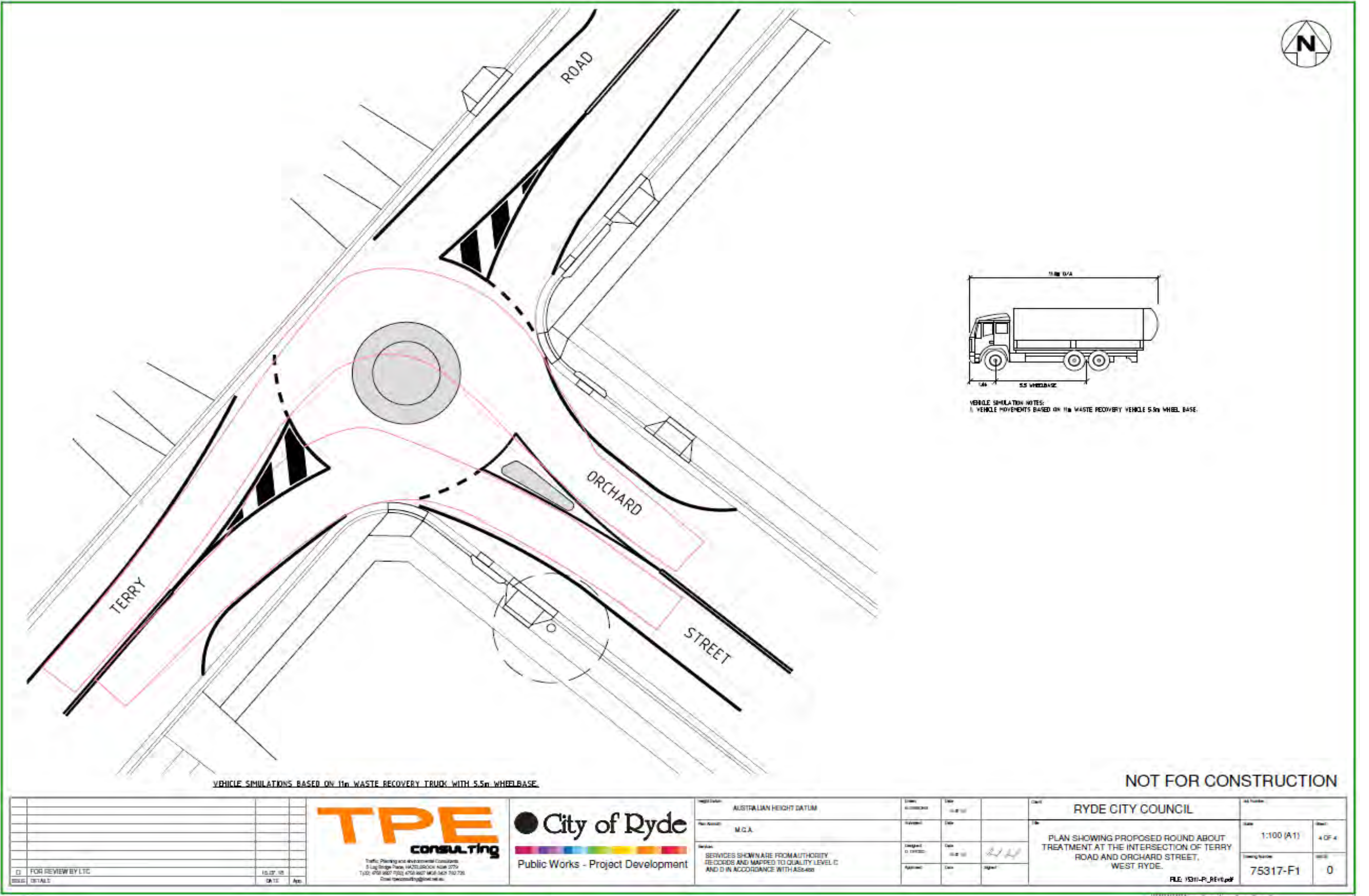


Figure V2

B. Intersection of Orchard Street / Foster Street.

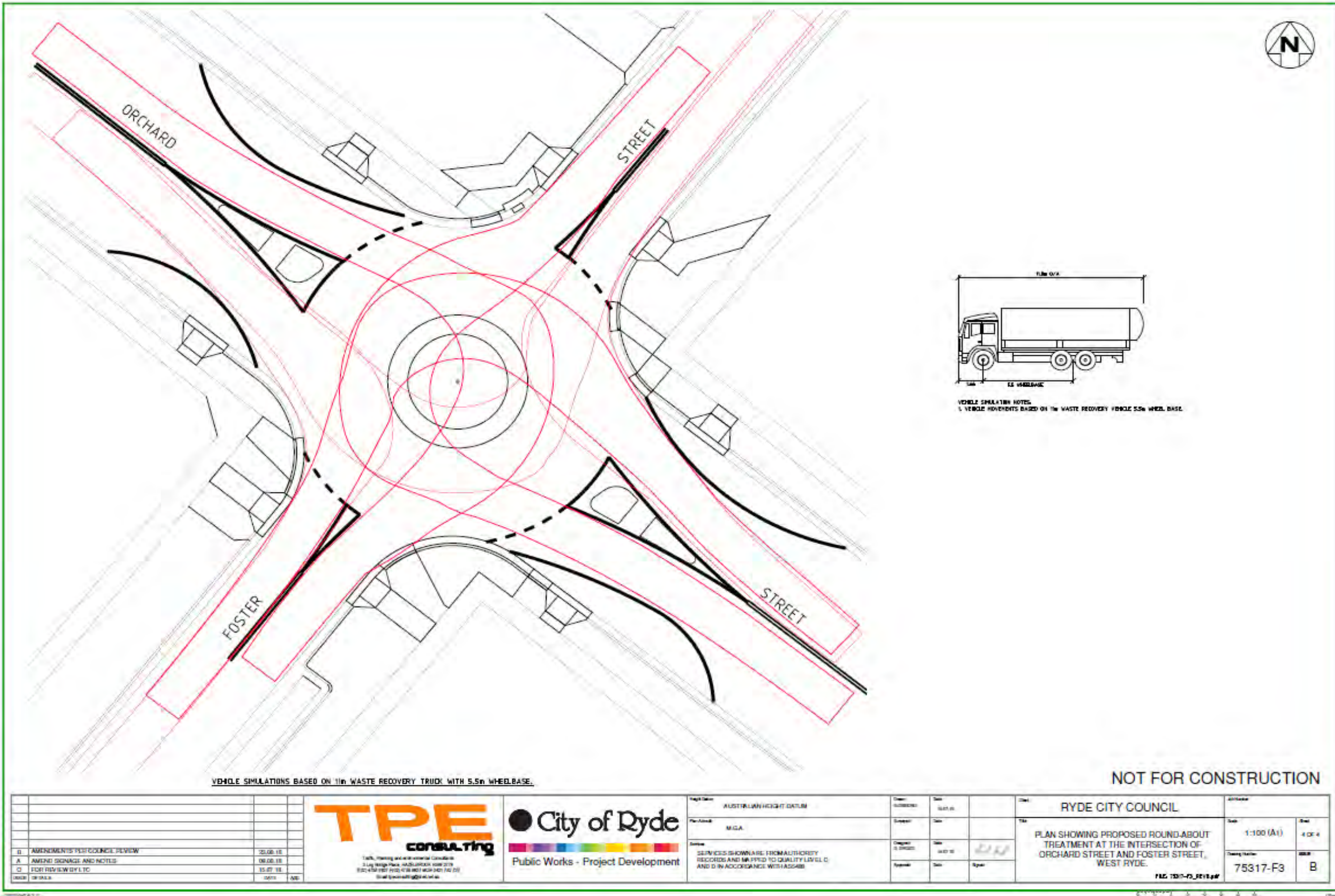


Figure V3

The proposal will see the intersection of Orchard Street and Foster Street become a roundabout controlled intersection. The proposed roundabout has been designed to accommodate the 11 metre garbage truck utilised by Council.

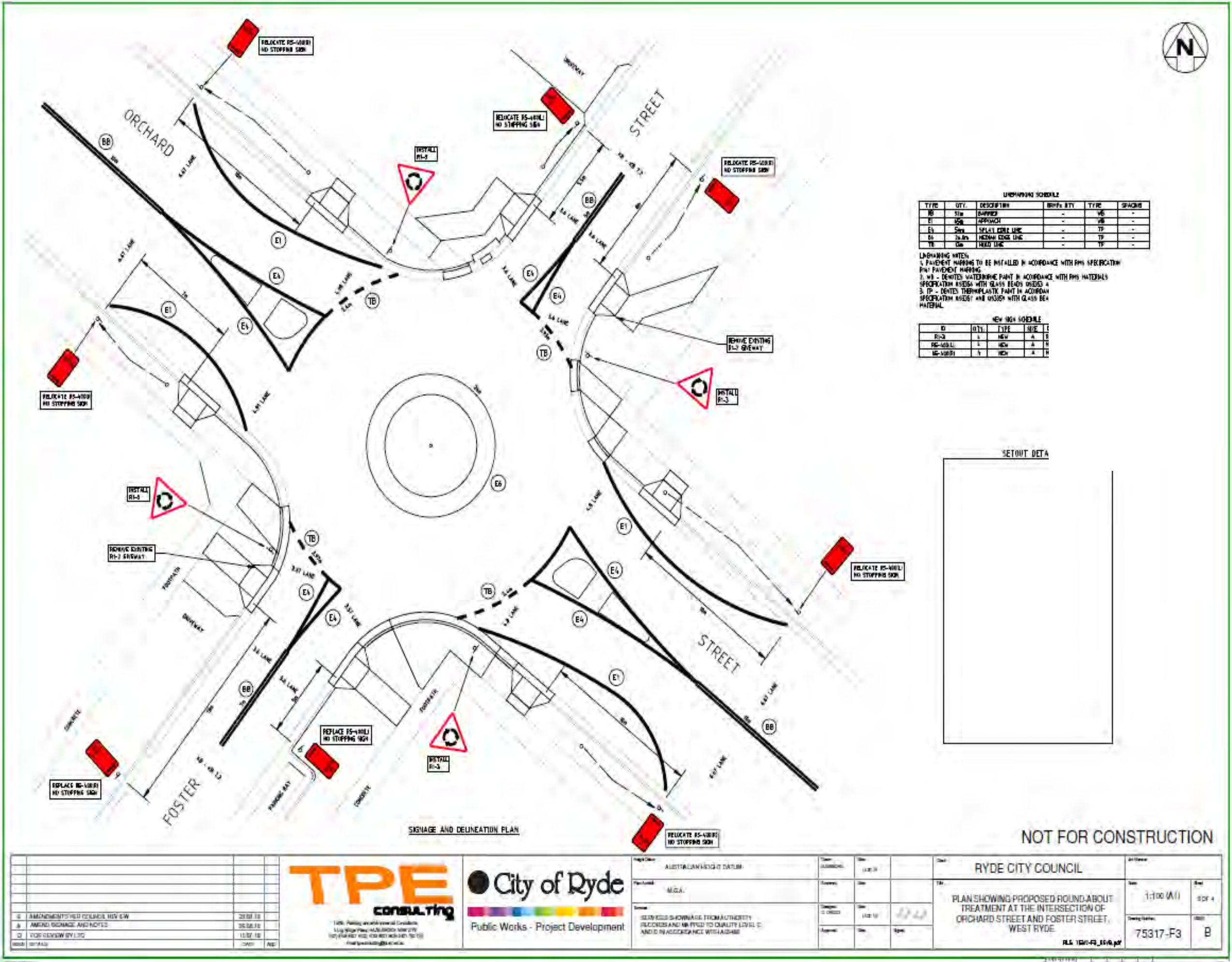


Figure V4

C. Upgrade of "at grade" pedestrian crossing to a raised pedestrian crossing.

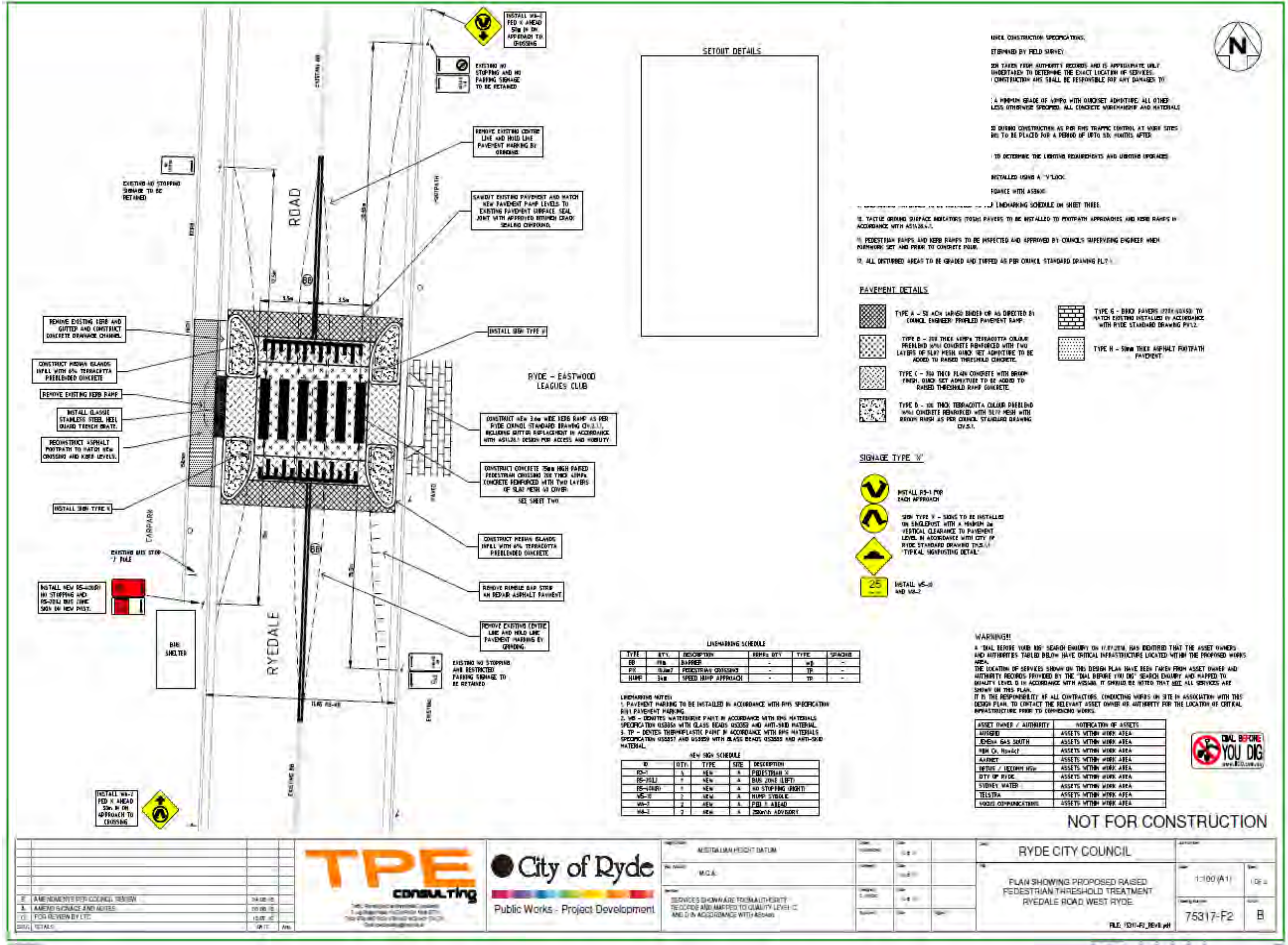


Figure V5



The existing “at grade” pedestrian crossing on Ryedale Road, south of Terry Road and adjacent to the Ryde – Eastwood Leagues Club will be upgraded to a raised pedestrian crossing with associated signage and line marking. No consultation is required for this upgrade proposal as there will be no alterations to existing locations where on-street parking is permitted.

APPROVALS

Should the proposed measures be supported by Ryde Traffic Committee, it is intended that the matter be referred to the Works and Community Committee for consideration of the Council and seek the remaining approvals.

PROPOSAL

Approval in principle for roundabouts to be constructed at the intersection of Orchard Street with Terry Road and Orchard Street with Foster Street, with the “at grade” pedestrian crossing on Ryedale Road, south of Terry Road to be converted to a raised pedestrian crossing.

**ITEM (W) 2019 RTC MEETING DATES**

SUBJECT: **RYDE TRAFFIC COMMITTEE 2019 MEETING DATES**
ELECTORATE: LANE COVE and RYDE
WARD: WEST, CENTRAL and EAST
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: T2018-02116
OFFICER: D MULHALL

INTRODUCTION

This Item advises the Ryde Traffic Committee (RTC) meeting dates to be held in 2019.

DISCUSSION

An enhanced level of consultation, utilising Council's on-line 'Have Your Say' survey functionality, has increased the lead-time required to complete the preparations for consultation with residents and to interpret / incorporate these results into the subsequent RTC Agenda Report.

Additionally, RTC resolutions are considered by Council at the next available Works and Community Committee (W&CC) meeting. This increased activity relating to each RTC Agenda item, along with the current RTC meeting dates, and the lead-time required to prepare the W&CC meeting Agenda, has often meant that the RTC resolutions are incorporated into a much later W&CC meeting. This then creates a significant delay before implementation, often resulting in complaints from residents.

Due to the increased activities related to the RTC agenda, project plans have been developed to ensure all processes / procedures are followed and specific timeframes / actions are met (see attached figures).

With the use of these project plans, the projected meetings for 2019 have been targeted at dates to reduce the conflict between consultation with residents and any school holidays that may fall during the preparation period. Additionally, the projected RTC meeting dates for 2019 have also been targeted to reduce the gap between the RTC and W&CC meetings. This will reduce the time between items being included in the RTC agenda, approved by Council at the W&CC meeting and subsequently implemented.

Whilst there will be an overlap between the final preparation of the RTC agenda for one meeting and the initial preparation of the RTC agenda for the subsequent meeting, staff have generally dealt with this issue on a regular basis. Although it is not ideal, due to the volume of items incorporated into each RTC agenda, this is preferable to RTC agenda items waiting 2 or more months before inclusion in the next available W&CC agenda.

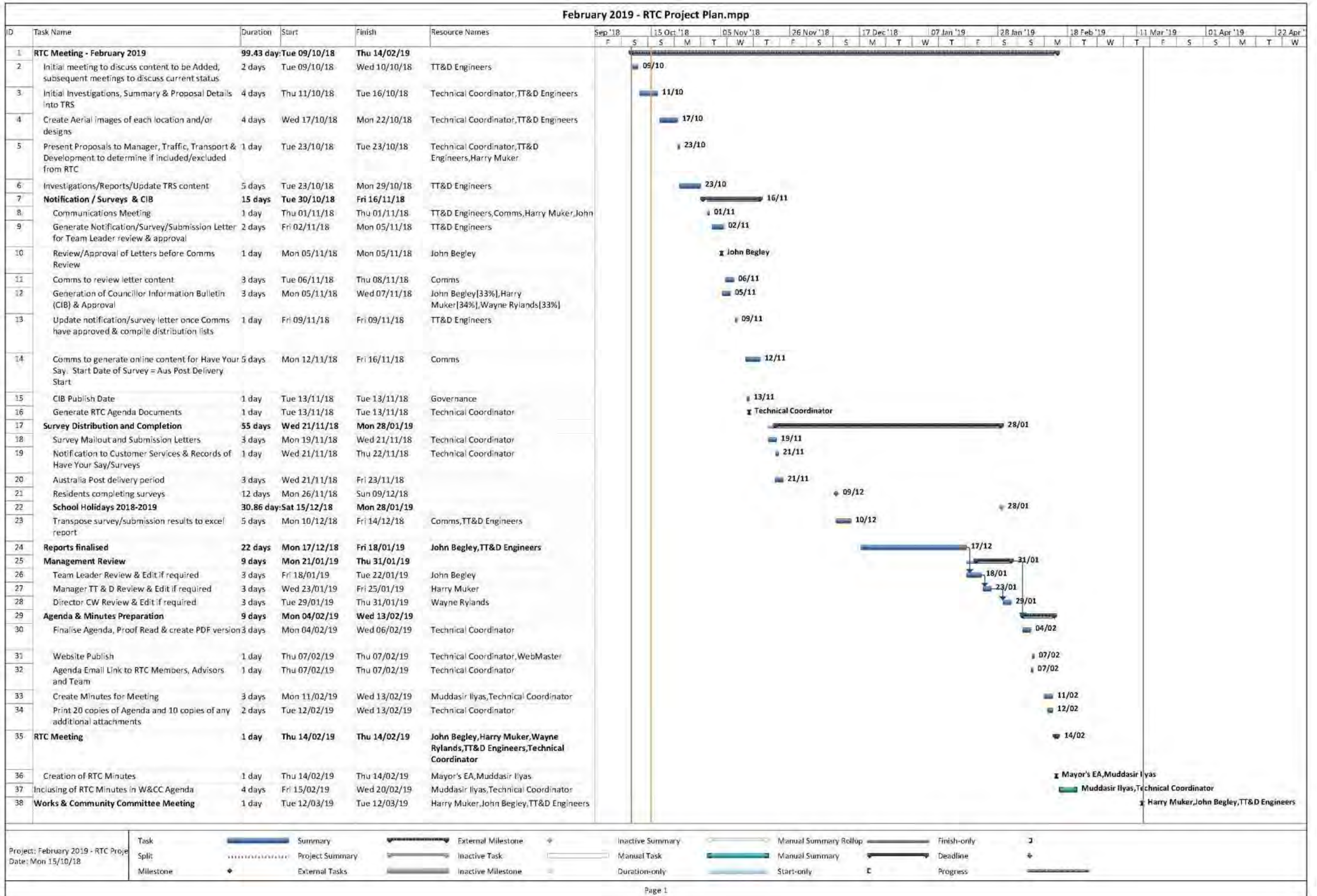


Additionally, where conflicts occur with other regular meetings held at Council's Top Ryde offices, the RTC meetings will be held in either the Committee Meeting Room or Council Chambers on Level 1A, 1 Top Ryde as shown below.

The 2019 RTC meetings have been scheduled to commence at 10am on the following dates (which all fall on a Thursday) and locations:

- 14 February 2019 - Council Chambers
- 11 April 2019 - Council Chambers
- 13 June 2019 - Council Chambers
- 15 August 2019 - Council Chambers
- 10 October 2019 - Committee Meeting Room

Figure W1 - Project Plan - 14 February 2019 RTC Meeting



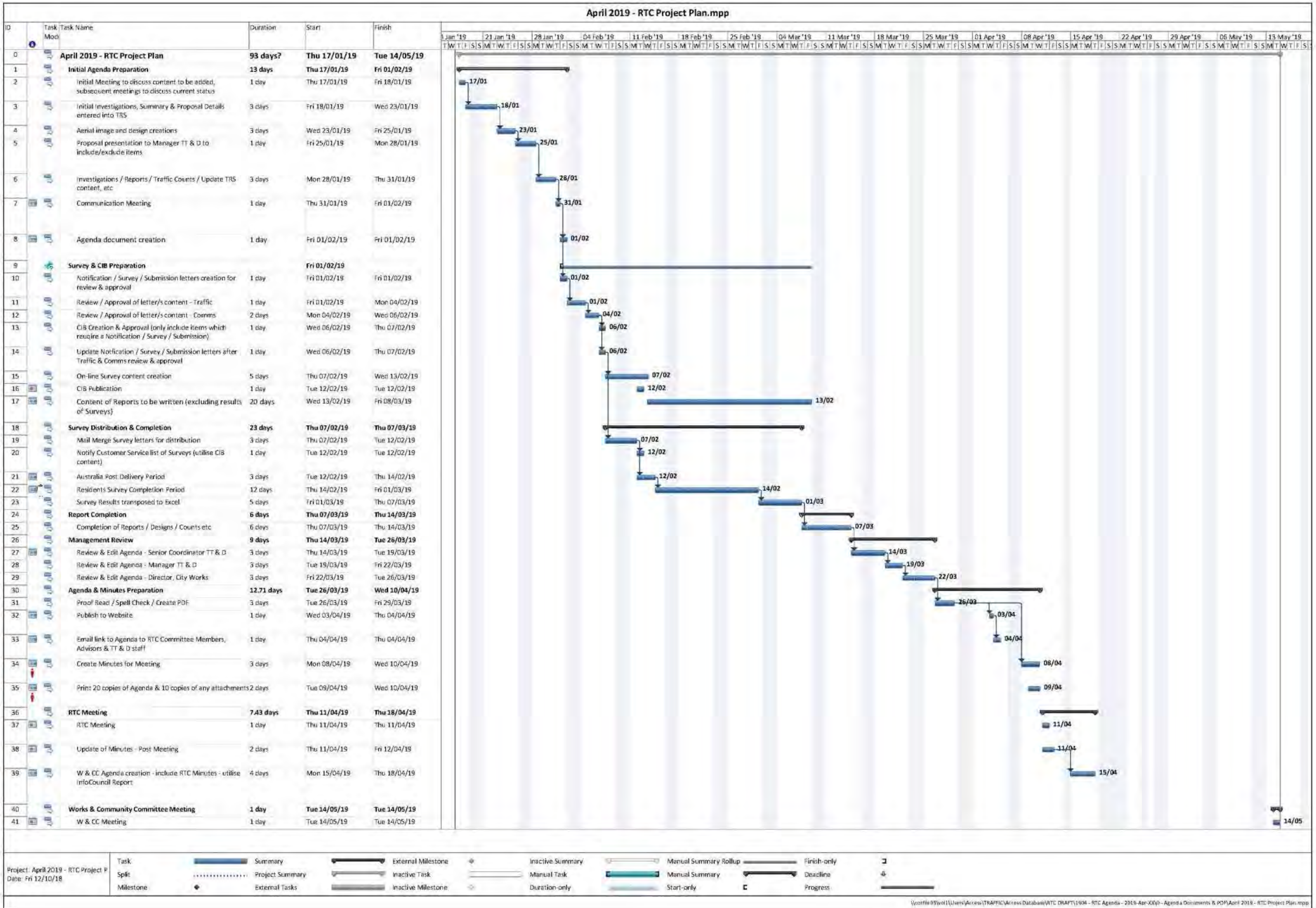


Figure W2: Project Plan – 11 April 2019 RTC Meeting

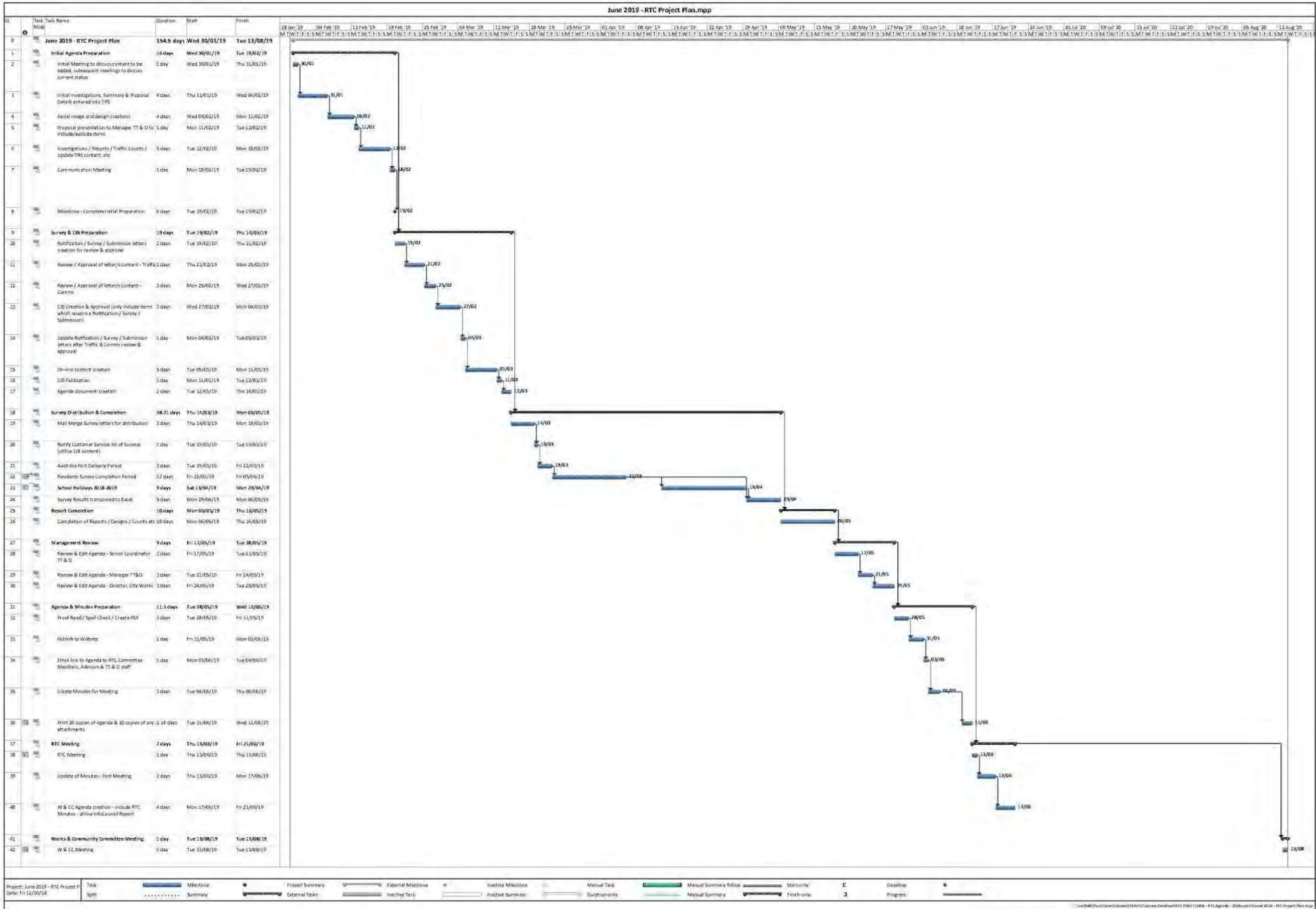


Figure W3: Project Plan – 13 June 2019 RTC Meeting

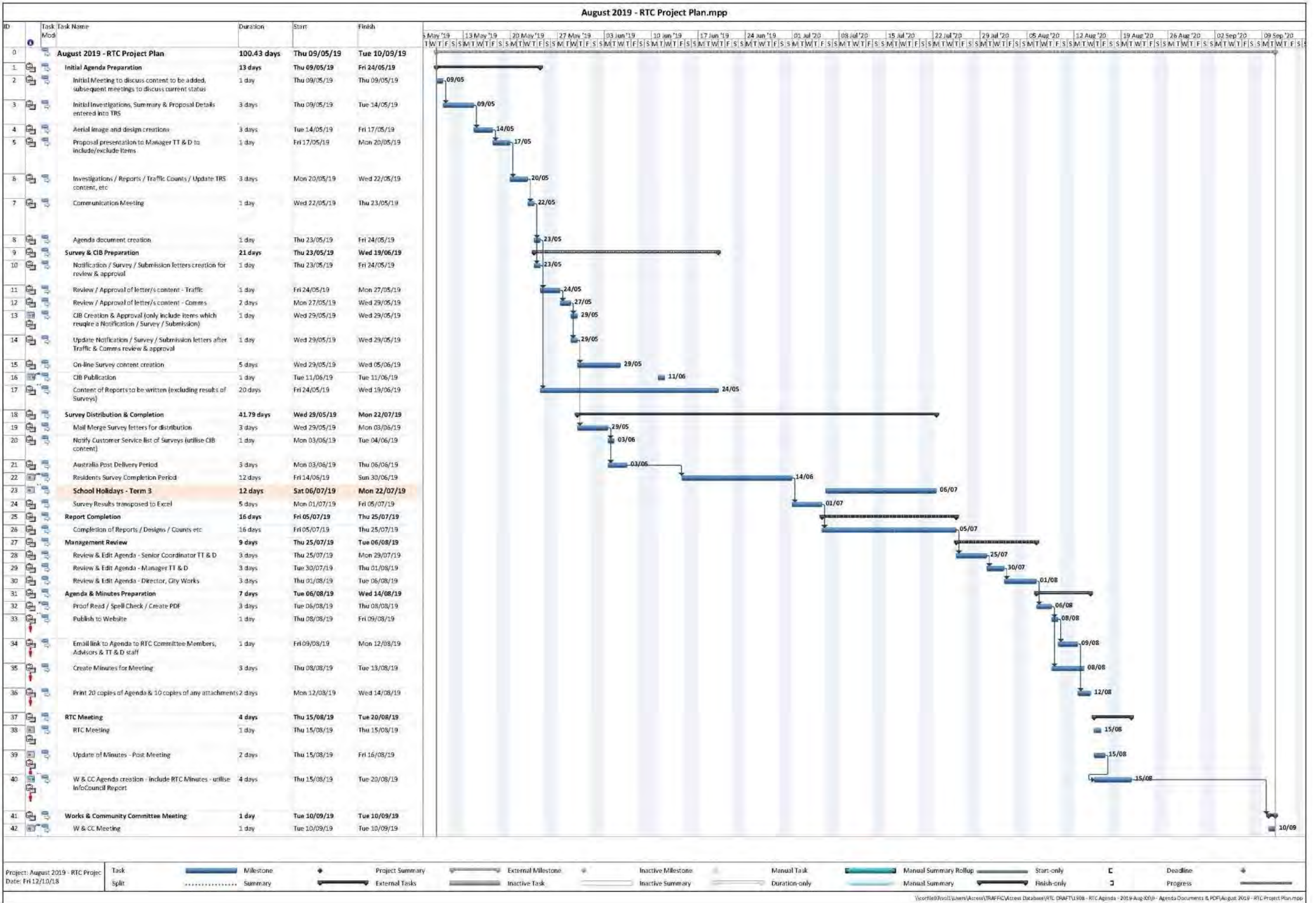


Figure W4: Project Plan – 15 August 2019 RTC Meeting

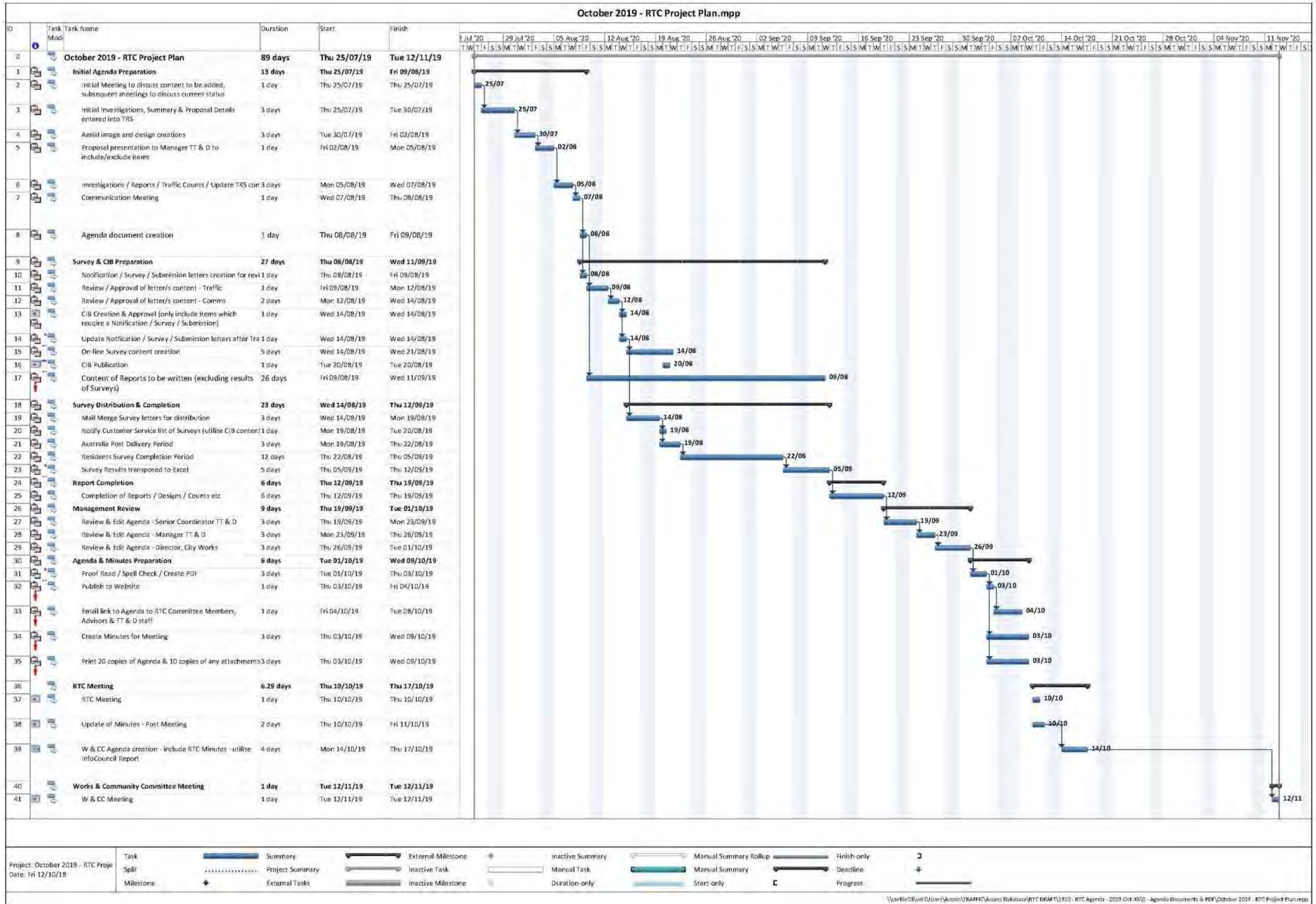


Figure W5: Project Plan – 10 October 2019 RTC Meeting



PROPOSAL

To hold the 2019 regular meetings of the Ryde Traffic Committee at 10am on the following dates:

- 14 February 2019
- 11 April 2019
- 13 June 2019
- 15 August 2019
- 10 October 2019

**ITEM (X) COBHAM AVENUE, MELROSE PARK**

SUBJECT: PEDESTRIAN REFUGE - DEVELOPMENT RELATED
ELECTORATE: RYDE
WARD: WEST
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: LGEN16/217296 & T2018-00587
OFFICER: J BEGLEY

INTRODUCTION

Council has received representation from NSW Land and Housing Corporation requesting consideration be given to installing a pedestrian refuge and ancillary works in Taylor Avenue to support a seniors housing development at 141-143 Cobham Avenue, Melrose Park. One of the requirements in determining the suitability of a location for the purposes of senior housing is its compliance to clauses 26 and 38 of the Seniors Housing Policy regarding access to public transport, shops and services.

Clause 26: This clause relates primarily to location and access to facilities, with the proposed development required to be within 400m of a public transport service. The only public transport service that is within 400m of the proposed development is bus route 524 which has bus stops in Taylor Avenue at 350m from the development. The nearest bus stop on Victoria Road is 450m away.

Clause 38: This clause relates to accessibility and states that the proposed development should have obvious and safe pedestrian links from the site that provide access to public transport services and local facilities. Westbound bus services require patrons to cross Taylor Avenue, thus in order to meet clause 38 either a pedestrian crossing or pedestrian refuge is required.

Investigations indicated that the warrants for a pedestrian crossing would not be met, which left the provision of a pedestrian refuge as the only remaining option.

BACKGROUND

A report was tabled at the June 2018 Ryde Traffic Committee Meeting on the above matter which focussed on the dimensional aspects of the pedestrian refuge with the item ultimately deferred to allow further discussion with the client's architect to determine the dimensions and location of the proposed pedestrian refuge in Taylor Avenue.

A meeting was held at Council on Tuesday 11 September 2018 with Mr Srecko Bebek of LSB Architects and Mr Oleg Sannikov of TEF Consulting to discuss whether a pedestrian refuge with a 3 metre x 3 metre gap could be installed on Taylor Avenue. Turning paths provided at that meeting indicated that such a facility could not be accommodated within the existing road carriageway, thus it was considered that the original pedestrian refuge design should be proceed with. It was agreed at the meeting that the following course of action would be undertaken:



- LSB Architects & TEF Consulting to formally consult with the residents of No's 1, 3 and 5 Taylor Avenue who would be impacted by the pedestrian refuge to obtain their opinion.
- TEF Consulting to provide turning path vehicular movement drawings that show that these affected residents will still be able to access and egress from their driveways with the new pedestrian refuge in place.
- LSB Architects & TEF Consulting to prepare a short report advising Ryde Council of the process undertaken to advise the neighbours and their response.

The following letter was distributed to the affected residents in Taylor Avenue

The Resident
1 Taylor Avenue
MELROSE PARK NSW 2114

10 October 2018

Dear resident,

RE: 141-143 Cobham Ave., Melrose Park.,

We write on behalf of the Department of Family and Community Services of the NSW Land and Housing Corporation (LAHC). As you may be aware, LAHC proposed and received an approval for a Seniors Living development at 141-143 Cobham Ave., Melrose Park.

As part of the conditions for the proposed development, the Council of the City of Ryde requested that access to the existing bus stop in Taylor Avenue was improved. It is proposed to install a refuge island at the intersection of Cobham Avenue and Taylor Avenue, suitable for use by people with disabilities. It is also proposed to install a kerb extension ("kerb blister") on the northern side of the intersection to improve pedestrian visibility. In order to accommodate the existing bus movements, the southern kerb will need to be slightly realigned. All these modifications are shown on the attached drawing.

The proposed design fully complies with the provisions of relevant Australian Standards (AS/NZS 2890 series and AS 1428 series) and with Council's design requirements. Manoeuvring of a large standard vehicle (B99 car as per AS/NZS 2890.1:2004) was modelled for your driveway using specialised software. It has been found that your access would not be unduly affected and that it complies with the Standards requirements. Please refer to the vehicle turning diagram on the attached drawing.

However, should you have concerns about the proposed traffic management devices, please do not hesitate to contact Srecko Bebek on the following email sb@lsbarchitects.com.au by 26 October 2018.

Yours sincerely
LSB ARCHITECTS



SRECKO BEBEK
Architect RAIA



LSB ARCHITECTS
ABN 64 213 963 821
294 West Street
PETERSHAM NSW 2049
Telephone: 02 9572 8115
Mobile: 0413 646 432
E-mail: sb@lsbarchitects.com.au
Web: www.lsbarchitects.com.au
Correspondence:
PO Box 903
PETERSHAM NSW 2049

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Residential
Building Reports
Perceptions
Architectural Models



LSB ARCHITECTS • ABN 64 213 963 821 • NOMINATED ARCHITECT: SRECKO BEBEK • REGISTRATION NO 6363
Email: sb@lsbarchitects.com.au Web: www.lsbarchitects.com.au

NSW Land and Housing Corporation Offices – Parramatta – 2 November 2018



A meeting was held with the officers of NSW Land and Housing Corporation (LAHC) on Friday, 2 November 2018 to discuss access issues associated with No's 3 and 5 Taylor Avenue. Issues raised at this meeting indicated that access would now be required to facilitate a vehicle towing a boat trailer as the resident of No 5 Taylor Avenue indicated that he parks a boat on his property.

It was decided that an on-site meeting (to be organised by LAHC) would be held with the residents of 3 and 5 Taylor Avenue, to demonstrate that access/egress is still maintained even with a B99 vehicle + 20 foot boat trailer. The B99 vehicle is the largest private vehicle defined by the relevant Australian Standard

CONTEXT

- Taylor Avenue is a two way local road with a posted speed limit of 50km/h.
- Carriageway width is 8.4m with footpaths provided on both sides.
- Bus route 524.

REFERENCES

- *Technical Direction TDT2011/01a Pedestrian Refuges*
- *Australian Standard 1742.10 Part 10 Pedestrian Control and Protection*

COMMUNITY ENGAGEMENT

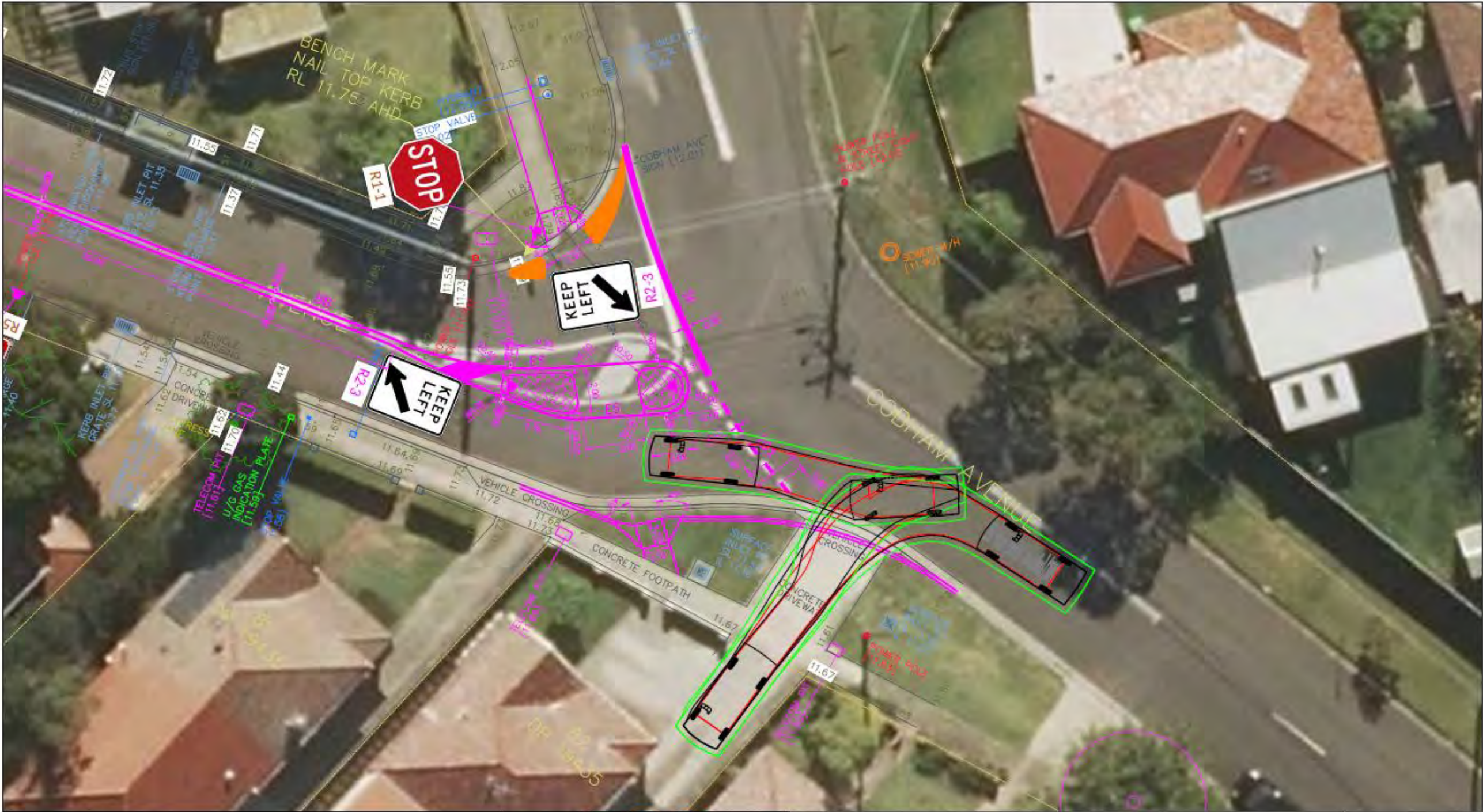
Taylor Avenue Street Meeting – 16 November 2018

An on-site meeting was held on Friday 16 November 2018 with residents of Taylor Avenue where accessibility issues associated with the proposed pedestrian refuge were discussed. Residents were first shown plans detailing how a B99 vehicle can still access and egress from their driveways with the proposed new pedestrian refuge in place.

It was then demonstrated that with a small modification to the pedestrian refuge that a B99 vehicle with a 20 foot trailer could still be reversed into the driveways of No's 3 & 5 Taylor Avenue as it was these properties who had indicated that they had boats requiring this provision.

All residents agreed that while they did not support the proposed pedestrian refuge, they agreed that access to their properties would still be maintained, even with the requirement for access to be maintained for a B99 vehicle & 20 foot boat trailer.

The following drawings show the turning path movements for B99 vehicles and B99 vehicle + boat trailer. Minor modification to the kerb and gutter outside No 1 Taylor Avenue is required to accommodate the turning path of the 524 bus service.



LEGEND:



Dwg No 18014/01 | Rev. B | 25/09/2018
 Client: LSB Architects

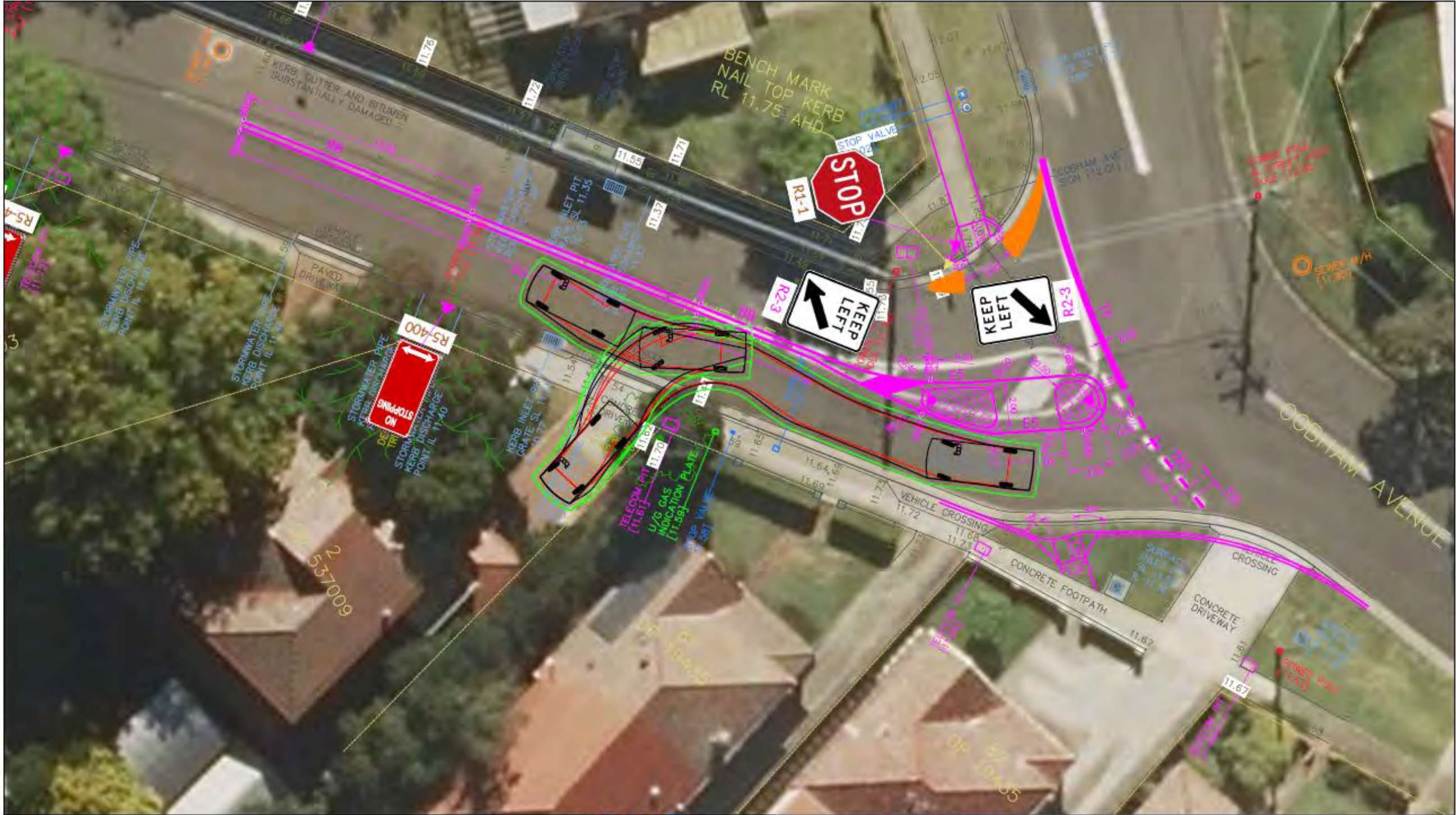
141-143 Cobham Ave, Melrose Park NSW 2114

SCALE 1:250@A4

Vehicle manoeuvring
 B99 vehicle

PO Box 215 Bondi NSW 2026 | ph:+61 (0)2 9332 2024 | fax: +61 (0)2 9332 2022 | mob: +61 (0)414 978 067 | email: o.s@tefconsult.com.au | www.tefconsult.com.au

Figure X3: Access/Egress to No: 1 Taylor Avenue



LEGEND:



Dwg No 18014/03 Rev. B 28/09/2018
 Client: LSB Architects

141-143 Cobham Ave, Melrose Park NSW 2114

Vehicle manoeuvring
 B99 vehicle

SCALE 1:250@A4

PO Box 215 Bondi NSW 2026 | ph:+61 (0)2 9332 2024 | fax:+61 (0)2 9332 2022 | mob:+61 (0)414 978 067 | email: o.s@tefconsult.com.au | www.tefconsult.com.au

Figure X5: Access/Egress to No: 5 Taylor Avenue



Figure X6: Access/Egress to No: 5 Taylor Avenue with B99+ boat trailer



Figure X6: Access/Egress to No: 3 Taylor Avenue with B99+ boat trailer



DISCUSSION

It is acknowledged that the proposed pedestrian refuge has been modified to accommodate the turning path movements for a car and boat trailer to facilitate access to/from Nos 3 & 5 Taylor Avenue. It is considered that this modification to the pedestrian refuge does not compromise the safety of its intended users. Concerns that the slight modification to the kerb and gutter at No 1 Taylor Avenue to accommodate the existing bus service are unfounded as the proposed pedestrian refuge will visibly reduce the effective width of the intersection and make it less conducive to speed.

APPROVALS

Should the proposed measures be supported by Ryde Traffic Committee, it is intended that the matter be referred to the full meeting of Council and seek the remaining approvals.

PROPOSAL

That the pedestrian refuge and associated signage on Taylor Avenue at Cobham Avenue as shown in Figure G7 be approved.

**ADVISORY ITEM 1 TOP RYDE, RYDE**

SUBJECT: CONSTRUCTION OF 40KM/H HPAA
ELECTORATE: RYDE
WARD: CENTRAL
POLICE LAC: RYDE
ROAD CLASS: NON-CLASSIFIED
REFERENCE: T2018-00859
OFFICER: M ILYAS

INTRODUCTION

Council commissioned TPE Consulting LTD to undertake the “Top Ryde 40 km/h High Pedestrian Activity Area (HPAA)” study in May 2018. This study comes under Roads and Maritime Services “Safe Speeds in High Pedestrian Activity and Local Areas” program.

CONTEXT

- Pope, Tucker and Smith Streets are local roads, with carriageway widths of 9.5 metres.
- Ryde Public School and Top Ryde Shopping Centre are located within the study area.
- The study area includes the signalised intersections of Blaxland Road/Tucker Street, Pope Street/Smith Street and Pope Street/Devlin Street.
- Mid-block pedestrian activated signals are located on Tucker Street at the access point to the Top Ryde Shopping Centre loading dock.
- Street lighting in Tucker Street and Pope Street has been recently upgraded.
- Street lighting in Smith Street will be reviewed at a later stage once nearby developments have been completed.

REFERENCES

- *[NSW] Road Rules 2014 Rule 229 Pedestrians on a road with a road access sign*
- *[NSW] Road Rules 2014 Rule 231 Crossing a road at pedestrian lights*
- *[NSW] Road Rules 2014 Rule 232 Crossing a road at traffic lights*
- *[NSW] Road Rules 2014 Rule 353 References to pedestrians crossing a road*



DISCUSSION

Roads and Maritime Services (RMS) formally invited Sydney metropolitan councils to apply for funding under its “*Safe Speeds in High Pedestrian Activity and Local Areas*” program (100% funded by RMS) to address safety deficiencies on roads with high pedestrian activity zones.

Council engaged TPE Consulting LTD in May 2018 to undertake the Top Ryde 40km/h HPAA assessment. The report was fully funded by RMS. This report identified the following traffic engineering treatments which are expected to result in a lower speed environment, whilst also discouraging unsafe pedestrian movements away from formal pedestrian crossing facilities. The proposed treatments as shown in Figure 1 include:

- Raised thresholds in Smith and Tucker Streets and three (3) “at grade” thresholds at mid-block locations in Tucker Street and Pope Street with associated pedestrian safety fences;
- Road pavement surface ‘40’ patches and signage at the entry points to the 40km/h zone in Smith Street and Tucker Street;
- Upgrade of street lighting in Smith Street up to Curzon Street;
- ‘LOOK OUT BEFORE YOU STEP OUT’ pavement decals at all pedestrian crossing locations within the 40km/h HPAA scheme; and
- Increased pedestrian green-time to the existing traffic signals at the intersection of Pope Street and Smith Street subject to RMS approval.

APPROVALS

For information of Ryde Traffic Committee only. The concept plan detailing the proposed traffic engineering improvement works has been approved by RMS, with Council engaging outside consultants to undertake the detailed design work. Council received a grant funding of \$513,100 that is 100% funded by RMS. Once these plans have been prepared, they will be issued to RMS for its concurrence as required in the funding letter of acceptance associated with this project. All works associated with this HPAA project are required to be completed by 30 June 2019.

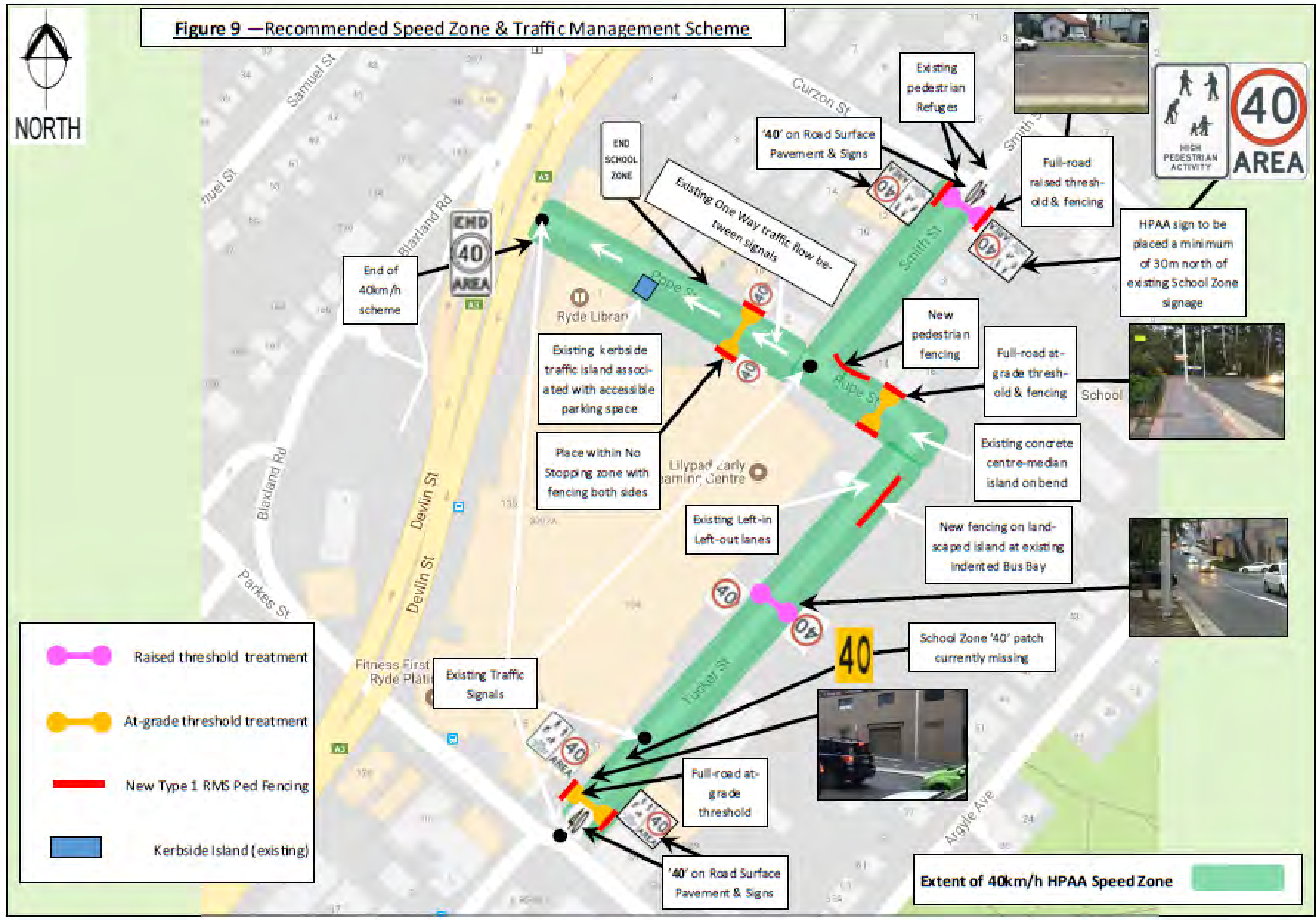


Figure Y1: Proposed HPAA Treatments



ADVISORY ITEM 2 MATTERS APPROVED UNDER DELEGATION

The parking control measures outlined in *Table 1* below, were installed to reinforce existing controls under the [NSW] *Road Rules 2014*. The matters outlined in *Table 2* below, were approved under Delegation.

Table 1 Parking control measures installed to reinforce existing controls under Road Rules 2014

Location	Parking Control Measure	Existing Road Rules 2014 Control	Installation Date

Table 2 Matters approved under Delegation

Location	Proposal	Consultation	Approval Date
Gerrish Street / Ryde Road intersection, Gladesville	Signpost 'No Stopping' zones at the following locations at the intersection: <ul style="list-style-type: none"> • 10 metres on the southern side of Ryde Road • 10 metres on the eastern side of Gerrish Street • 12 metres on the western side of Gerrish Street to prevent vehicles parking across the existing kerb ramp. 	Road Rule 170: Stopping at or near an un-signalised intersection	
Woodbine Crescent / Greene Avenue intersection, Ryde	Signpost 10 metres 'No Stopping' zones at the Woodbine Crescent / Greene Avenue intersection.	Road Rule 170: Stopping at or near an un-signalised intersection	
Woodbine Crescent / Bambi Street intersection, Ryde	Signpost 10 metres 'No Stopping' zones at the Woodbine Crescent / Bambi Street intersection.	Road Rule 170: Stopping at or near an un-signalised intersection	
Bambi Street / Greene Avenue intersection, Ryde	Signpost 10 metres 'No Stopping' zones at the Bambi Street/Greene Avenue intersection.	Road Rule 170: Stopping at or near an un-signalised intersection	



Location	Proposal	Consultation	Approval Date
Anzac Avenue/Beltana Street, Denistone	<p>Signpost 10m 'No Stopping' zones at the following locations at the intersection:</p> <ul style="list-style-type: none"> • on both side of Beltana Street • on the western side of Anzac Avenue, north of Beltana Street <p>Signpost a 20 metre 'No Stopping' zone on the western side of Anzac Avenue, immediately south of Beltana Street intersection, to reinforce statutory no parking restrictions and to prevent obstructions to the driveway of No. 23 Anzac Avenue.</p>	<p>As this proposal only removes 5 metres of kerbside parking outside 23 Anzac Avenue, no consultation was undertaken.</p>	