



## **WAVERLEY TRAFFIC COMMITTEE MEETING**

A meeting of the WAVERLEY TRAFFIC COMMITTEE will be held at Waverley Council Chambers  
Cnr Paul Street and Bondi Road, Bondi Junction at:

**10.00 AM, THURSDAY 24 OCTOBER 2019**

Waverley Council  
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## AGENDA

### Apologies

### Declarations of Interests

### Adoption of Previous Minutes by Council - 26 September 2019 .....7

The recommendations contained in Part 1 – Matters Proposing that Council Exercise its Delegated Functions – of the minutes of the Waverley Traffic Committee meeting held on 26 September 2019 were adopted by Council at its meeting on 10 October 2019 with the following change:

1. TC/V.08/19.09 – Kenilworth Street, Bondi – Pedestrian Refuge Island.

Council did not adopt the recommendation of the Traffic Committee, and made the following decision:

That Council:

1. Refers the matter to the October 2019 Waverley Traffic Committee meeting for consideration of an alternative design to prevent long vehicles entering Kenilworth Street at Flood Street that minimises the proposed lost parking spaces on the northern side of Kenilworth Street.
2. Officers prepare swept paths into Kenilworth Street for various vehicle lengths and types from both directions in Flood Street for Waverley Traffic Committee consideration.
3. Officers prepare a recommendation for advisory signage at the intersection of Kenilworth and Flood streets.
4. Considers a funding source for the works at the Q1 budget review in November 2019.

**PART 1 – MATTERS PROPOSING THAT COUNCIL EXERCISE ITS DELEGATED FUNCTIONS**

***NOTE: The matters listed under this part of the agenda propose that Council either does or does not exercise the traffic related functions delegated to it by the RMS. The recommendations made by the Committee under this part of the agenda will be submitted to Council for adoption.***

**TC/C        STATE ELECTORATE OF COOGEE**

**TC/C.01/19.10        Spring Street, Bondi Junction - Temporary Closure for Tower Crane Installation  
(A19/0394) ..... 17**

**COUNCIL OFFICER’S PROPOSAL:**

That:

1. Council temporarily closes Spring Street between Denison Street and Newland Street in accordance with Traffic Control Plan 2019-1101 attached to this report.
2. Council notes that:
  - (a) Tentative times and dates for the closure are between 1 am and 11 pm on Sunday, 15 March 2020, with a backup of Sunday, 22 March 2020.
  - (b) These dates may change if Stage 2 of the Bondi Junction Cycleway is not completed.
3. Council delegates authority to the Executive Manager, Infrastructure Services, to approve any alternative date and times that Spring Street can be closed, if required.
4. Council temporarily removes all parking spaces in Spring Street between Newland Street and Denison Street to facilitate the manoeuvring of semi-trailers into Spring Street (as required by the submitted swept paths).
5. Businesses and residents in Spring Street between Denison Street and Newland Street affected by the closures and emergency services be notified of the closure in writing by the applicant no less than seven days prior to the road being closed.
6. A copy of the applicant’s notification letter and expected date and area of distribution be forwarded to Council’s Traffic Engineer no less than three days prior to distribution.
7. The applicant undertakes a before and after dilapidation survey of the trees in the vicinity of the mobile crane setup.
8. A Council compliance officer be present for the duration of the works at the applicant’s expense, and that this be communicated to the applicant.

**TC/C.02/19.10            Dudley Street, Bondi - 'P Motor Bikes Only' (A14/0145) ..... 23****COUNCIL OFFICER'S PROPOSAL:**

That Council installs 'P Motor Bikes Only' zones between the driveways of 7, 9 and 11 Dudley Street, Bondi.

**TC/C.03/19.10            Macpherson Street, Waverley - Pedestrian Refuge Island at Roundabout  
(A03/0042-04)..... 26****COUNCIL OFFICER'S PROPOSAL:**

That Council upgrades the existing splitter island on the eastern approach to the roundabout at Macpherson Street and Albion Street, Waverley, to a pedestrian refuge 16 m from the roundabout (Option A).

**TC/C.04/19.10            Firth Street and Kent Street, Waverley - 'No Stopping' Zone (A14/0145) ..... 42****COUNCIL OFFICER'S PROPOSAL:**

That Council installs a No Stopping line (unbroken yellow C3 line) on the north-east corner of the intersection of Firth Street and Kent Street, Waverley, from the existing pram ramp on the corner of Firth Street around the bend to Kent Street until the telegraph pole.

**TC/V            STATE ELECTORATE OF VAUCLUSE****TC/V.01/19.10            Kenilworth Street, Bondi - Pedestrian Refuge Island (A03/0042-04) ..... 44****COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Installs a pedestrian refuge island with associated line marking and signage in Kenilworth Street at the intersection with Flood Street, Bondi, in accordance with Drawing 9025 attached to this report.
2. Installs No Left Turn and No Right Turn restrictions for vehicles over 9 m at the intersection to prevent movements from Flood Street into Kenilworth Street.

**TC/CV      ELECTORATES OF COOGEE AND VAUCLUSE****TC/CV.01/19.10      Multiple Streets - P Disability Zones (A18/0719).....55****COUNCIL OFFICER'S PROPOSAL:**

That Council:

1.      Installs a 6.7 m long 'P Disability Only' zone outside 89 Ocean Street, Bondi.
2.      Removes the existing 'P Disability Only' zone outside 14 Hewlett Street, Bronte.
3.      Removes the existing 'P Disability Only' zone outside 383 Old South Head Road, North Bondi.
4.      Removes the existing 'P Disability Only' zone outside 148 Hall Street, Bondi Beach.

**PART 2 – TRAFFIC ENGINEERING ADVICE**

***NOTE: The matters listed under this part of the agenda seek the advice of the WTC only and do not propose that Council exercise its delegated functions at this point in time (though they may or may not require it in the future).***

**TC/TEAC    STATE ELECTORATE OF COOGEE**

Nil.

**TC/TEAV    STATE ELECTORATE OF VAUCLUSE**

Nil.

**TC/TEACV    ELECTORATES OF COOGEE AND VAUCLUSE**

Nil.

**MINUTES OF THE WAVERLEY TRAFFIC  
COMMITTEE MEETING HELD AT WAVERLEY  
COUNCIL CHAMBERS, CNR PAUL STREET AND  
BONDI ROAD, BONDI JUNCTION ON  
THURSDAY, 26 SEPTEMBER 2019**



**Voting Members Present:**

Cr J Wakefield	Waverley Council (Chair)
Cr T Kay	Waverley Council (Alternate Chair)
Snr Cst A Birchansky	NSW Police – Eastern Suburbs Police Area Command – Traffic Services
Mr B Borger	Roads and Maritime Services – Network and Safety Officer (South East Precinct)
Ms J Zin	Representing Gabrielle Upton, MP, Member for Vaucluse

**Also Present:**

Mr B Gidies	State Transit – Traffic and Services Manager (Eastern Region)
Mr N Zervos	Waverley Council – Acting Executive Manager, Infrastructure Services
Mr C Hutcheson	Waverley Council – Service Manager, Traffic and Transport
Mr H Bahari	Waverley Council – Professional Engineer
Mr E Kayes	Waverley Council – Traffic Engineer
Mr S Samadian	Waverley Council – Public Domain Co-ordinator

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*At the commencement of proceedings at 10.11 am, those present were as listed above.*

**Apologies**

Apologies were received and accepted from Marjorie O'Neill, MP, Member for Coogee.

**Declarations of Pecuniary and Non-Pecuniary Interests**

The Chair called for declarations of interest and none were received.

**Adoption of Previous Minutes by Council - 22 August 2019**

The recommendations contained in Part 1 – Matters Proposing that Council Exercise its Delegated Functions – of the minutes of the Waverley Traffic Committee meeting held on 22 August 2019 were adopted by Council at its meeting on 17 September 2019, with the following change:

1. TC/V.03/19.08 – Seven Ways, Bondi Beach – Public Domain Upgrade Project.

The Traffic Committee's recommendation was adopted subject to clause 1(d) being amended to read as follows:

'Retaining the current single on-street parking space on the southern side of Blair Street, east of Glenayr Avenue, and installing appropriate kerb blisters immediately to the east of this parking space to improve pedestrian access and safety, and converts the parking space to a 15-minute drop-in zone.'

Such that the Traffic Committee's recommendation now reads as follows:

That Council:

1. In accordance with Drawing No. L-161 dated 9 August 2018 attached to this report, approves:
  - (a) The closure of Warners Lane to vehicular traffic and removal of the vehicular crossings/driveways at its Glenayr Avenue and Blair Street ends.
  - (b) The loss of four parking spaces from Warners Lane.
  - (c) The gain of one new parking space on Blair Street as a result of the closure of the driveway on Warners Lane at its western end.
  - (d) Retaining the current single on-street parking space on the southern side of Blair Street, east of Glenayr Avenue, and installing appropriate kerb blisters immediately to the east of this parking space to improve pedestrian access and safety, and converts the parking space to a 15-minute drop-in zone.
2. Installs four timed parking spaces on the north eastern side of Glenayr Lane.
3. Submits a Traffic Management Plan for the closure of Warners Lane to RMS.

**PART 1 – MATTERS PROPOSING THAT COUNCIL EXERCISE ITS DELEGATED FUNCTIONS**

***NOTE: The matters listed under this part of the agenda propose that Council either does or does not exercise the traffic related functions delegated to it by the RMS. The recommendations made by the Committee under this part of the agenda will be submitted to Council for adoption.***

**TC/C        STATE ELECTORATE OF COOGEE**

**TC/C.01/19.09        Macpherson Street, Waverley - Pedestrian Refuge Island at Roundabout  
(A03/0042-04)**

**COUNCIL OFFICER'S PROPOSAL:**

That Council approves changes to line marking, signage and upgrading of the existing splitter island to a pedestrian refuge island on the eastern approach to the roundabout at Macpherson Street and Albion Street, Waverley as per Drawing 9024 Issue A attached to this report.

**WTC RECOMMENDATION (UNANIMOUS SUPPORT):**

That:

1. The Council Officer's Proposal not be adopted.
2. The item be deferred for consideration of an alternative design in consultation with Council's Open Space and Strategic Transport teams.

*Voting members present for this item: NSW Police representative, RMS representative and Waverley Council representative (Chair).*

**TC/C.02/19.09        Rawson Lane, Queens Park - Installation of 'No Parking' Zone (A02/0637-02)**

**COUNCIL OFFICER'S PROPOSAL:**

That Council installs an 8 m 'No Parking' zone on the eastern side of Rawson Lane opposite the rear lane driveway of 22 Rawson Avenue.

**WTC RECOMMENDATION (UNANIMOUS SUPPORT):**

That the Council Officer's Proposal be adopted.

*Voting members present for this item: NSW Police representative, RMS representative and Waverley Council representative (Chair).*

**TC/C.03/19.09            Chesterfield Lane, Bronte - Installation of 'No Parking' Zone (A02/0637-02)****COUNCIL OFFICER'S PROPOSAL:**

That Council installs a 6 m 'No Parking' zone on the southern side of Chesterfield Lane opposite the driveway of 89 Macpherson Street as shown in Figure 2 of this report.

**WTC RECOMMENDATION (UNANIMOUS SUPPORT):**

That the Council Officer's Proposal be adopted.

*Voting members present for this item: NSW Police representative, RMS representative and Waverley Council representative (Chair).*

**TC/C.04/19.09            Murray Street, Bronte - Construction Zone (A03/2514-04)****COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Installs a 17 m long 'No Parking 7.00 am to 5.00 pm, Monday–Friday; 8.00 am to 3.00 pm Saturday; Authorised Council Vehicles Excepted' zone on Murry Street, Bronte from the existing P 'Motor Cycles Only' sign west of the driveway at 20 Murray Street to the kerb blister island immediately east of the site.
2. Delegates authority to the Executive Manager, Creating Waverley, to adjust the length and duration of, or remove the construction zone, as necessary.

**WTC RECOMMENDATION (UNANIMOUS SUPPORT):**

That the Council Officer's Proposal be adopted.

*Voting members present for this item: NSW Police representative, RMS representative and Waverley Council representative (Chair).*

**TC/V            STATE ELECTORATE OF VAUCLUSE****TC/V.01/19.09            Multiple Streets - 'No Stopping' Zones (A02/0637-02)****COUNCIL OFFICER'S PROPOSAL:**

That Council installs 'No Stopping' zones at the following intersections:

1. Niblick Street and Griffith Avenue, North Bondi:
  - (a) On the eastern side of Niblick Street 10 metres north of Griffith Avenue.
  - (b) On the eastern side of Niblick Street 10 metres south of Griffith Avenue.
  - (c) On both northern & Southern sides of Griffith Avenue 10 metres east of Niblick Street.

2. Kippara Road and Wallangra Road, Dover Heights:
  - (a) On the western and southern sides of Kippara Road, 10 metres on each leg around the corner opposite to the intersection of Wallangra Road.
3. Bennett Street and Ewell Street, Bondi:
  - (a) On the eastern side of Bennett Street 10 metres south of Ewell Street.
  - (b) On the eastern side of Bennett Street 5 metres north of Ewell Street.
  - (c) On both northern & Southern sides of Ewell Street 10 metres east of Bennett Street.
4. Birrell Street and Stanley Lane, Queens Park - Replacement of the existing "No Parking" with 'No Stopping' zones at the following locations:
  - (a) On the southern side of Birrell Street 10 metres east of Stanley Lane.
  - (b) On the southern side of Birrell Street 10 metres west of Stanley Lane.
  - (c) On the eastern and western sides of Stanley Lane 10 metres south of Birrell Street.

**WTC RECOMMENDATION (UNANIMOUS SUPPORT):**

That the Council Officer's Proposal be adopted with the exception of clause 2, Kippara Road and Wallangra Road, Dover Heights, which is to be deferred for a further report for the Traffic Committee's consideration outlining the installation of a S1 broken single centre separation line.

*Voting members present for this item: Representative of the Member for Vacluse, NSW Police representative, RMS representative and Waverley Council representative (Chair).*

**TC/V.02/19.09          Penkivil Street, Bondi - 'P Motorbikes Only' Parking (A02/0637-02)**

**COUNCIL OFFICER'S PROPOSAL:**

That Council installs a 3.6 m 'P MOTOR BIKES ONLY' zone on the northern side of the driveway to 64 Penkivil Street, Bondi.

**WTC RECOMMENDATION (UNANIMOUS SUPPORT):**

That the Council Officer's Proposal be adopted subject to being amended to read as follows:

'That Council installs a 3.6 metre 'P MOTOR BIKES ONLY' zone on the northern side of the driveway to 64 Penkivil Street, Bondi, subject to being offset to the driveway by 1 metre.'

*Voting members present for this item: Representative of the Member for Vacluse, NSW Police representative, RMS representative and Waverley Council representative (Chair).*

**TC/V.03/19.09                      Wellington Street, Bondi – Installation of Continuous Footpath Treatment.  
(A03/0042-04)**

**COUNCIL OFFICER’S PROPOSAL:**

That Council approves in principle the installation of continuous footpath treatment on Wellington Street at the intersection with Wellington Place, Bondi, subject to detail design being submitted to and approved by RMS.

**WTC RECOMMENDATION (UNANIMOUS SUPPORT):**

That the Council Officer’s Proposal be adopted subject to being amended to read as follows:

‘That Council approves in principle the installation of continuous footpath treatment on Wellington Street at the intersection with Wellington Place, Bondi, subject to detail design being prepared for Waverley Traffic Committee consideration with a specific focus on pedestrian safety.’

*Voting members present for this item: Representative of the Member for Vacluse, NSW Police representative, RMS representative and Waverley Council representative (Chair).*

**TC/V.04/19.09                      Reina Street, North Bondi - 'P MOTOR BIKES ONLY' Parking (A02/0637-02)**

**COUNCIL OFFICER’S PROPOSAL:**

That Council installs a ‘P MOTOR BIKES ONLY’ zone between the driveways to 12 and 14 Reina Street, North Bondi.

**WTC RECOMMENDATION (UNANIMOUS SUPPORT):**

That the Council Officer’s Proposal be adopted.

*Voting members present for this item: Representative of the Member for Vacluse, NSW Police representative, RMS representative and Waverley Council representative (Chair).*

**TC/V.05/19.09                      Bondi Public School – School Pick-up/Drop-off Time No Stopping Zone  
(A03/0042-04)**

**COUNCIL OFFICER’S PROPOSAL:**

That Council:

1. Installs ‘NO STOPPING 8AM – 9:30AM 2:30PM – 4PM MON – FRI SCHOOL DAYS’ restrictions for 10 metres either side of the driveway to the Bondi Public School teachers car park off Henderson Street/Moore Street, Bondi.
2. Installs w6-3 ‘CHILDREN CROSSING’ with supplementary w8-14 ‘SCHOOL’ warning signage for vehicles travelling in both directions around the Henderson Street/Moore Street bend.
3. Relocates the existing car share space outside the school gate on the Henderson Street/Moore Street frontage of Bondi Public School a further 10 metres north.

**WTC RECOMMENDATION (UNANIMOUS SUPPORT):**

That:

1. The Council Officer's Proposal not be adopted.
2. The item be deferred to allow consultation to be undertaken with Bondi Public School and further consideration of pedestrian safety.

*Voting members present for this item: Representative of the Member for Vacluse, NSW Police representative, RMS representative and Waverley Council representative (Chair).*

**TC/V.06/19.09 Mons Street, Vacluse - Construction Zone (A03/2514-04)****COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Installs a 19 m long 'No Parking 7.00 am to 5.00 pm, Monday–Friday; 8.00 am to 3.00 pm Saturday; Authorised Council Vehicles Excepted' zone on Mons Street, Vacluse from the southern side of driveway for 4 Mons Street to the Northern side of the driveway at 6 Mons Street.
2. Delegates authority to the Executive Manager, Creating Waverley, to adjust the length and duration of, or remove the construction zone, as necessary.

**WTC RECOMMENDATION (UNANIMOUS SUPPORT):**

That the Council Officer's Proposal be adopted.

*Voting members present for this item: Representative of the Member for Vacluse, NSW Police representative, RMS representative and Waverley Council representative (Chair).*

**TC/V.07/19.09 Nancy Street, North Bondi - Construction Zone (A03/2514-04)****COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Installs a 12 m long 'No Parking 7.00 am to 5.00 pm Monday–Friday; 8.00 am to 3.00 pm Saturday Authorised Council Vehicles Excepted' zone outside 5 Nancy Street, North Bondi from the northern boundary to the southern boundary including the existing driveway.
2. Delegates authority to the Executive Manager, Creating Waverley, to adjust the length and duration of, or remove the construction zone, as necessary.

**WTC RECOMMENDATION (UNANIMOUS SUPPORT):**

That the Council Officer's Proposal be adopted.

*Voting members present for this item: Representative of the Member for Vacluse, NSW Police*

*representative, RMS representative and Waverley Council representative (Chair).*

**TC/V.08/19.09                    Kenilworth Street, Bondi - Pedestrian Refuge Island (A03/0042-04)**

**COUNCIL OFFICER'S PROPOSAL:**

That Council approves the installation of the Pedestrian Refuge Island and associated changes to line marking and signage on Kenilworth Street at the intersection with Flood Street, Bondi, as per Drawing 9025 Issue A attached to this report.

**WTC RECOMMENDATION (UNANIMOUS SUPPORT):**

That the Council Officer's Proposal be adopted.

*Voting members present for this item: Representative of the Member for Vacluse, NSW Police representative, RMS representative and Waverley Council representative (Chair).*

**TC/V.09/19.09                    Paul Street, Bondi - Traffic Islands (A03/0042-04)**

**COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Notes the design presented in Drawing 9027 Issue A attached to this report.
2. Defers blister installation in this location until the Local Area Traffic Management Study is undertaken.

**WTC RECOMMENDATION (UNANIMOUS SUPPORT):**

That the Council Officer's Proposal be adopted subject to clause 2 being amended and the addition of new clauses 3 and 4, such that the recommendation now reads as follows:

That Council:

1. Notes the design presented in Drawing 9027 Issue A attached to this report.
2. Defers blister consideration in this location until the Local Area Traffic Management Study is undertaken.
3. Installs S1 separation centre line at the intersection of Woodstock Lane with Paul Street, subject to a review of the warrant specification in the RMS guidelines.
4. Delegates authority to the Executive Manager Infrastructure Services to alter and/or extend the S1 separation centre line as necessary.

*Voting members present for this item: Representative of the Member for Vacluse, NSW Police representative, RMS representative and Waverley Council representative (Chair).*

**TC/CV      ELECTORATES OF COOGEE AND VAUCLUSE**

Nil.

**PART 2 – TRAFFIC ENGINEERING ADVICE**

***NOTE: The matters listed under this part of the agenda seek the advice of the WTC only and do not propose that Council exercise its delegated functions at this point in time (though they may or may not require it in the future).***

**TC/TEAC    STATE ELECTORATE OF COOGEE**

Nil.

**TC/TEAV    STATE ELECTORATE OF VAUCLUSE**

Nil.

**TC/TEACV    ELECTORATES OF COOGEE AND VAUCLUSE**

Nil.

**THE MEETING CLOSED AT 11.15 AM**

.....  
**SIGNED AND CONFIRMED**  
**MAYOR**  
**10 OCTOBER 2019**

**REPORT**  
**TC/C.01/19.10**

**Subject:** Spring Street, Bondi Junction - Temporary Closure for Tower Crane Installation

**TRIM No:** A19/0394

**Author:** Emraul Kayes, Traffic Engineer

**Authoriser:** Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

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**COUNCIL OFFICER'S PROPOSAL:**

That:

1. Council temporarily closes Spring Street between Denison Street and Newland Street in accordance with Traffic Control Plan 2019-1101 attached to this report.
2. Council notes that:
  - (a) Tentative times and dates for the closure are between 1 am and 11 pm on Sunday, 15 March 2020, with a backup of Sunday, 22 March 2020.
  - (b) These dates may change if Stage 2 of the Bondi Junction Cycleway is not completed.
3. Council delegates authority to the Executive Manager, Infrastructure Services, to approve any alternative date and times that Spring Street can be closed, if required.
4. Council temporarily removes all parking spaces in Spring Street between Newland Street and Denison Street to facilitate the manoeuvring of semi-trailers into Spring Street (as required by the submitted swept paths).
5. Businesses and residents in Spring Street between Denison Street and Newland Street affected by the closures and emergency services be notified of the closure in writing by the applicant no less than seven days prior to the road being closed.
6. A copy of the applicant's notification letter and expected date and area of distribution be forwarded to Council's Traffic Engineer no less than three days prior to distribution.
7. The applicant undertakes a before and after dilapidation survey of the trees in the vicinity of the mobile crane setup.
8. A Council compliance officer be present for the duration of the works at the applicant's expense, and that this be communicated to the applicant.

## 1. Executive Summary

Council has received an application for the temporary full closure of Spring Street, Bondi Junction, in the section between Denison Street and Newland Street. This is to facilitate the installation of a fixed tower crane within the development site at 16–24 Spring Street, Bondi Junction. Council will need to exercise its delegated function to approve the proposal.

## 2. Introduction/Background

An application has been received from the builder at 16–24 Spring Street, Bondi Junction, for a temporary full closure of Spring Street in the section between Denison Street and Newland Street from 1 am to 11 pm on a Sunday to facilitate the erection of a fixed tower crane within the site. Sunday, 15 March 2020, is the nominated date, with Sunday, 22 March 2020, as a backup.

DA-498/2017 was approved by Council for the site at 16-24 Spring Street. It involves the demolition of existing structures, construction of a new 14-storey mixed use building comprising residential apartments, retail and commercial premises, and four basement levels.

## 3. Technical Analysis

The site has frontages to both Oxford Street and Spring Street as shown in Figure 1.



Figure 1. Aerial photo of 16–24 Spring Street, Bondi Junction.

A mobile crane will be placed on street to transfer parts for the fixed crane onto the site (see Attachment 2). It is preferable to set up the mobile crane on Spring Street rather than Oxford Street to erect the tower crane as it will result in less disruption to traffic.

### Overview of the operation

- The operation is expected to last up to 22 hours on a Sunday.

- Times and dates for the closure are between 1 am and 11 pm on Sunday, 15 March 2020, with a backup of Sunday, 22 March 2020. These dates may change if Stage 2 of the Bondi Junction cycleway is not completed.
- The mobile crane will be brought in at around 1 am and set up over four hours (all approximately).
- The fixed crane delivery will be via use of semi-trailers.
- The semi-trailer deliveries will involve reversing into Spring Street from Denison Street
- Type of trucks involved:
  - The mobile cranes will arrive under escort once the closure is in place. It will be carried by two semi-trailers, two B-doubles and a Franna Crane. All support trucks will leave the area once the mobile crane is demobilised.
  - There will be 11 semi-trailers delivering the fixed tower crane components. These trucks will remain out of area and will be called in as required.
  - Once the fixed tower crane is complete then the mobile crane trucks will return to remove the mobile crane.
- Spring Street/Newland Street:
  - Full closure of Spring Street is proposed at Newland Street.
  - There will be three traffic controllers at this location: two for controlling traffic and pedestrian / cyclist movements on both sides of Spring Street; and one for providing the access for businesses /residents requiring access to Spring Street.
- Spring Street/Denison Street:
  - Traffic at the intersection will be controlled by RMS-accredited traffic controllers.
  - Access to Spring Street will be restricted to allow access only for delivery trucks (to the crane), workers, and resident / business carparks.
  - There will be three traffic controllers at this location: two for controlling traffic and pedestrian/cyclist movements on both sides of Spring Street; and one for providing the access for businesses/residents requiring access to Spring Street.
- The road, cycle path and pedestrian path on the northern side of Spring Street will be closed during the works.
- Cyclists will be asked to dismount and join pedestrians on the southern side of Spring Street.

### Possible impacts

1. Impact on trees. The applicant has advised that the mobile crane has capacity to move west to be clear of the larger trees. Regardless, a before and after dilapidation survey of the trees is required.
2. Impact on powerlines. The overhead powerlines are being removed as part of the Ford Civil works in the street. They will be gone by the time that the mobile crane works occur.
3. Impact on street parking spaces:
  - 30 m of on-street parking (five to six car spaces) on the western side of Denison Street will need to be removed in order to safely accommodate the reversing manoeuvres of the semi-trailers delivering the fixed crane parts. This will be on the western side of Denison Street, commencing just south of Spring Street and ending approximately 30 metres north of Spring Street.
  - 6 m of on-street parking (1 car space) on the western side of Denison Street just north of Ebley Street will be removed to improve the room available for semi-trailers turning right from Ebley Street into Spring Street.
  - On-street parking on Spring Street between Denison Street and Newland Street will be restricted to allow access only for vehicles associated with the crane installation.

4. Impact on access to off street parking spaces. Access may be required to private car parks off Spring Street between Newland Street and Spring Street. This will be provided by the traffic controllers on an as-needed basis.

#### **Interaction with construction of the Bondi Junction cycleway**

Stage 2 of the Bondi Junction separated cycleway is currently under construction. Installation of the crane cannot occur prior to Stage 2 of these works being completed. Stage 2 comprises Denison Street, between Spring Street and Oxford Street and Spring Street, between Newland Street and Denison Street. The anticipated completion time of Stage 2 is February 2020.

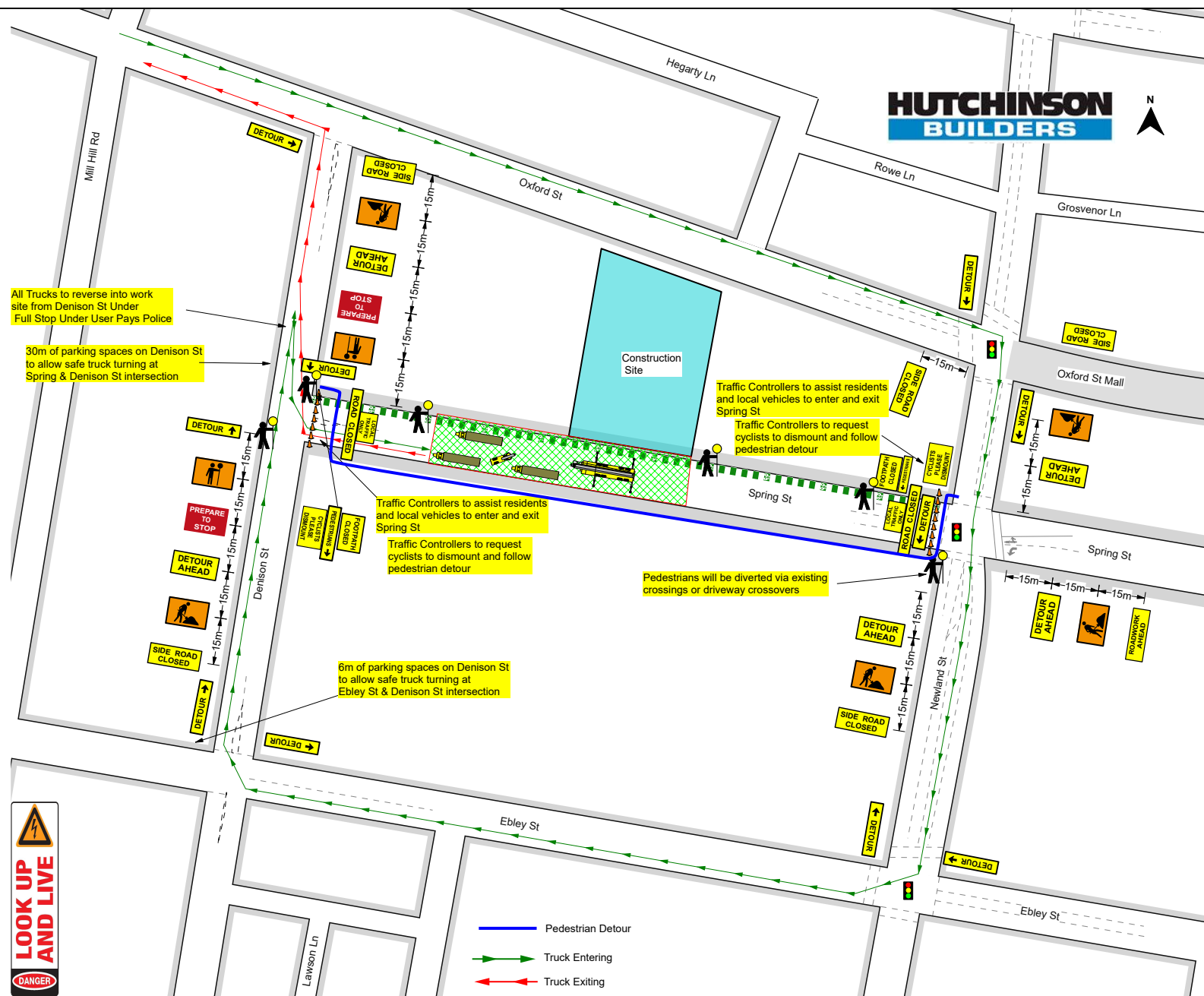
The date and time of proposed temporary closure of Spring Street may change if Stage 2 of the Bondi Junction Separated Cycleway is not completed and operational.

#### **4. Financial Information for Council's Consideration**

The applicant will be required to meet the cost of closing the road and standing plant in accordance with Council's Fees and Charges for 2019–20.

#### **5. Attachments**

1. Traffic Control Plan 2019-1101 [↓](#)
2. Crane lift details [↓](#)






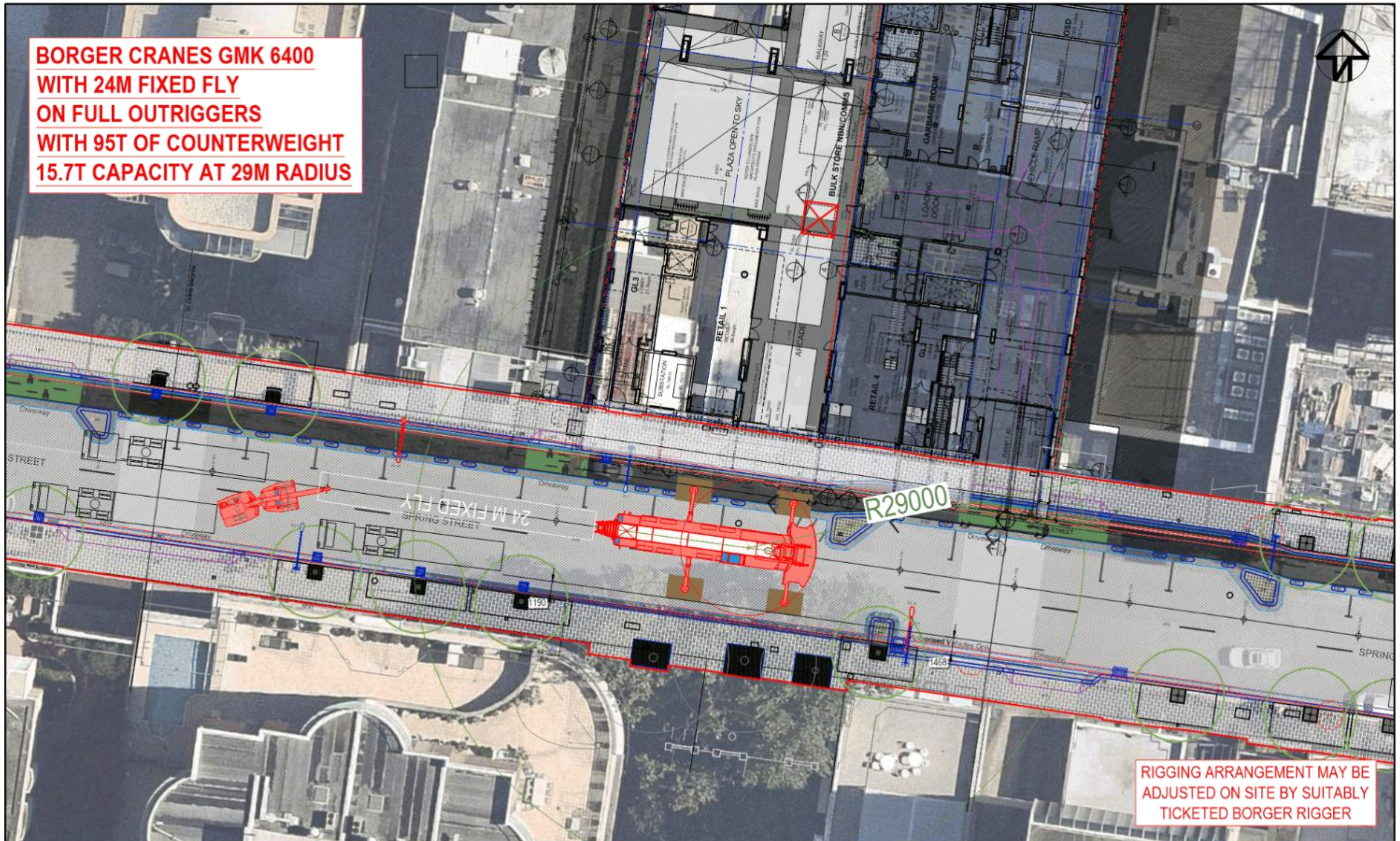
Lack Group t/a  
K & D Traffic Management  
2/13 Stanton Rd,  
Seven Hills NSW 2147  
P: 1300-205-579  
email: [lgp@lackgroup.com.au](mailto:lgp@lackgroup.com.au)



NOT TO SCALE

TCP BEST VIEWED  
WHEN PRINTED IN  
A3

Client:		HUTCHINSON BUILDERS		Date Revised:		Description of Revision:	
Location:		Spring St Bondi Junction		Rev 1:		Truck Entry and Exit changed from Eastern end	
Description:		Crane Lift-Road Closure				of Spring St to Western End (Denison St Intersection)	
Plan Number:		2019-1101		Rev 2:		Alter footpath closure and traffic controller numbers	
Date Drawn:		26-08-2019		Rev 3:		Change detail about parking restrictions	
Plan Drafted By:	Johann Potgieter 			Checked By:	Corey Bolton 		 www.inticert.com
Prepare Work Zone TMP:	0052043646			Prepare Work Zone TMP:	0051913779		



**BORGER  
CRANES**  
A NEW STRENGTH IN LIFTING

PH. (02) 9832 1044  
FAX. (02) 9832 1033

**HUTCHINSON BUILDERS  
WHITTON LANE  
CTL 260-18 TOWER CRANE ERECTION**

THIS DRAWING HAS BEEN PREPARED FOR THE SOLE USE OF BORGER CRANES. IT IS LOANED TO THE RECIPIENT FOR HIS CONFIDENTIAL USE ONLY. REPRODUCTION OR DISTRIBUTION SHALL NOT BE PERFORMED WITHOUT THE EXPRESS WRITTEN CONSENT OF BORGER CRANES.

**REPORT**  
**TC/C.02/19.10**

**Subject:** Dudley Street, Bondi - 'P Motor Bikes Only'

**TRIM No.:** A14/0145

**Author:** Emraul Kayes, Traffic Engineer

**Authoriser:** Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

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**COUNCIL OFFICER'S PROPOSAL:**

That Council installs 'P Motor Bikes Only' zones between the driveways of 7, 9 and 11 Dudley Street, Bondi.

**1. Executive Summary**

Council has received representations from a resident requesting consideration be given to installing parking controls in the spaces between driveways at 7, 9 and 11 Dudley Street, Bondi. There are currently no controls. This report is recommending approval of motorbike-only parking between the driveways. Council will need to exercise its delegated function to implement the proposal.

**2. Introduction/Background**

The affected section of Dudley Street is within Resident Parking Area 11. Current parking restrictions are '2P 8 am–10 pm Permit Holders Excepted'. If small cars park in the spaces between the driveways, they would partially block either one or both driveways. Motorbike parking is recommended.

**3. Technical Analysis**

Austroads guidelines and Council resolutions support the use of motorbike parking spaces in circumstances such as the spaces between property numbers 7, 9 and 11.

*Austroads' Guide to Traffic Management - Part 11: Parking (section 7.8.3)*, states that motorbike parking provision can be achieved by utilising under-sized parking spaces. The Traffic Committee and Council have supported this principle and have previously been in favour of installing 'P Motor Bikes Only' zones in short sections of kerb where other vehicles would obstruct vehicular access.

An example of motorbike parking signage in place in Niblick Street, North Bondi, is shown in Figure 1. The signage is adapted from RMS sign 'R5-1-4'.



Figure 1. Example of motorbike signage in Niblick Street, North Bondi.

### Warrants

When assessing the justification for installing motorbike spaces under these circumstances, the distance between driveways, typical small car lengths, demand for motorbike parking and impacts on adjacent neighbours need to be considered. Criteria for consideration are:

1. Distance check: 4.2 m has been adopted as the maximum distance between driveway spaces for motorbike parking to be considered. This caters for the average small car.
2. Demand check: an on-site assessment of parking demands and unoccupied spaces in the street.
3. Resident views check. The opinions of residents living on either side of the proposed motorbike parking zone should be sought as a minimum. If no objection is received, then it is assumed that the resident/s are in favour of the motorbike parking.

The spaces between the three driveways is approximately 2.9 m and 3.5 m. This satisfies the distance check.

Parking demands in Dudley Street are high. The demand check is satisfied.

The application was received from the resident at 9 Dudley Street. Residents at 7 and 11 Dudley Street were notified by letterbox drop of the request. There was no response from these residences. It is assumed that there is no objection from these residents. The resident view check is satisfied.

Motorbike parking zones are therefore recommended, as shown in Figure 2.

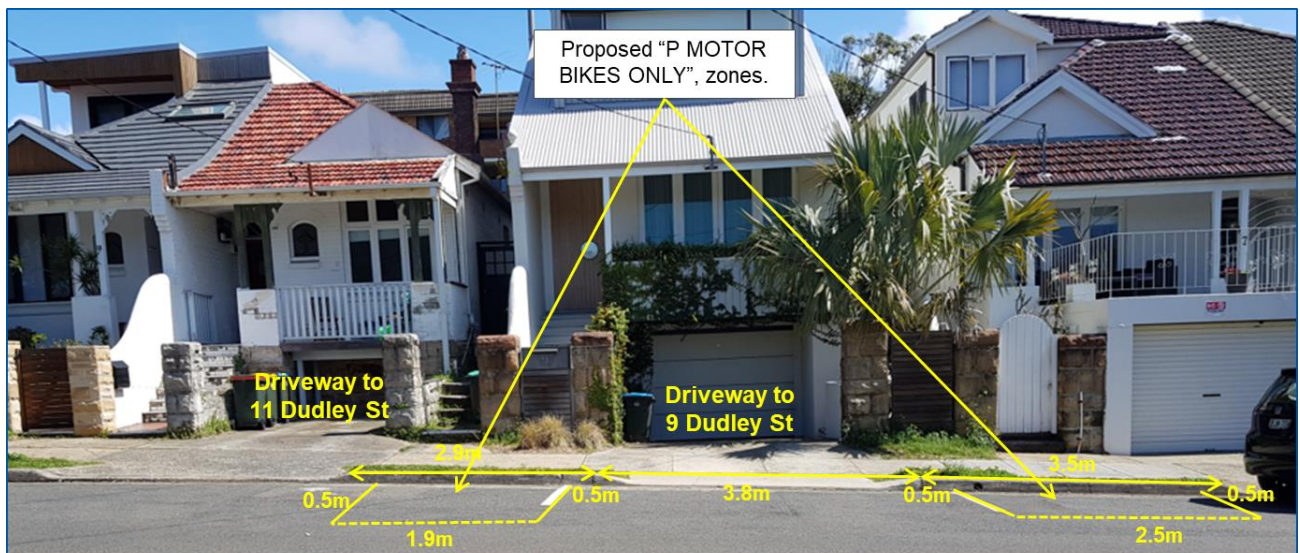


Figure 2. Proposed motorbike signage in the spaces between the driveways to 7, 9 and 11 Dudley Street.

#### 4. Financial Information for Council's Consideration

Council will fund the cost of installing the signs from existing budgets if the signage is approved.

#### 5. Attachments

Nil.

**REPORT**  
**TC/C.03/19.10**

**Subject:** Macpherson Street, Waverley - Pedestrian Refuge Island at Roundabout

**TRIM No:** A03/0042-04

**Author:** Calum Hutcheson, Service Manager, Traffic and Transport

**Authoriser:** Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

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**COUNCIL OFFICER'S PROPOSAL:**

That Council upgrades the existing splitter island on the eastern approach to the roundabout at Macpherson Street and Albion Street, Waverley, to a pedestrian refuge 16 m from the roundabout (Option A).

**1. Executive Summary**

At the Council meeting on 11 December 2018, Council resolved that:

1. Council officers undertake a safety audit at the Macpherson Street/Albion Street roundabout.
2. Officers report back to Council with recommendations to improve pedestrian safety and a proposed costing plan.
3. In the interim, a short-term infrastructure solution be trialled.

This report addresses the outcomes of the audit and recommendations to improve pedestrian safety at the intersection. It is proposed that an existing traffic splitter island on the westbound approach to the roundabout at the intersection with Macpherson Street and Albion Street is upgraded to a pedestrian refuge island.

Pedestrian fencing and/or landscaping is proposed around the north eastern corner of the intersection as a short-term infrastructure solution.

Council will need to exercise its delegated functions to implement the proposal.

**2. Introduction/Background**

A site meeting was held with Council officers to consider sight distance and safety issues for vehicles and pedestrians crossing Macpherson Street at the roundabout at the Macpherson Street and Albion Street intersection. Council's design team has undertaken two designs of the pedestrian refuge island (attached) and is submitting the designs to the Committee for consideration. Note that 'north' in the attached designs is towards the bottom of the page.

**3. Technical Analysis**

Figure 1 shows the intersection location. Council officers have observed significant numbers of northbound/southbound pedestrians crossing Macpherson Street at the existing traffic splitter island on

the eastern side of the Macpherson Street/Albion Street intersection. A proportion of these pedestrians do not follow the existing footpaths or use the pedestrian ramps. Instead, they choose to continue straight and cross Macpherson Street as close to the roundabout as possible. The desire lines are shown in Figure 2.

To discourage this, it is proposed that pedestrian fencing and/or landscaping is installed around the north eastern corner of the intersection diverting pedestrians toward the proposed pedestrian refuge island. The pedestrian fencing could be considered as a temporary treatment until such time as the landscaping is established.



Figure 1. Intersection of Macpherson Street and Albion Street, Waverley.



Figure 2. Pedestrian desire lines east of Albion Street.

It is also proposed to upgrade the splitter island currently in place to a full-sized pedestrian refuge. This is because the existing splitter island does not adequately cater for pedestrians or cyclists. There is no refuge within the island.

The proposed changes will upgrade the existing splitter island to a pedestrian refuge in accordance with current RMS technical directions for pedestrian refuge islands.

The proposal does not involve the loss of any parking spaces along Macpherson Street.

Swept wheel path drawings have been provided showing that the proposed changes do not negatively affect buses using the roundabout.

### Pedestrian refuge options

Two options for the design of the pedestrian refuge have been prepared for consideration by the committee. The essential difference is the distance that the new pedestrian refuge crossing point is from the intersection. Option A places the crossing point 16 m west of the roundabout. Option B places it 8 m west of the roundabout. This and other differences are shown in Figure 4.

Both options provide a 2.0 m x 3.0 m refuge.

The concrete footpaths for the two options differ slightly. Option A has the footpath and crossing aligned to maximise the separation between pedestrians and the roundabout. Option B has the footpath and crossing aligned more with the pedestrian desire line.

Both options envisage fencing and/or landscaping on the north eastern corner of the intersection. Fencing would provide the immediate deterrent to pedestrians straying from the refuge path. Landscaping would assist in the longer terms by permanently establishing the deterrence. Note that the fencing could be removed at some stage to accommodate other desire lines including east–west cycling travel along Macpherson Street.

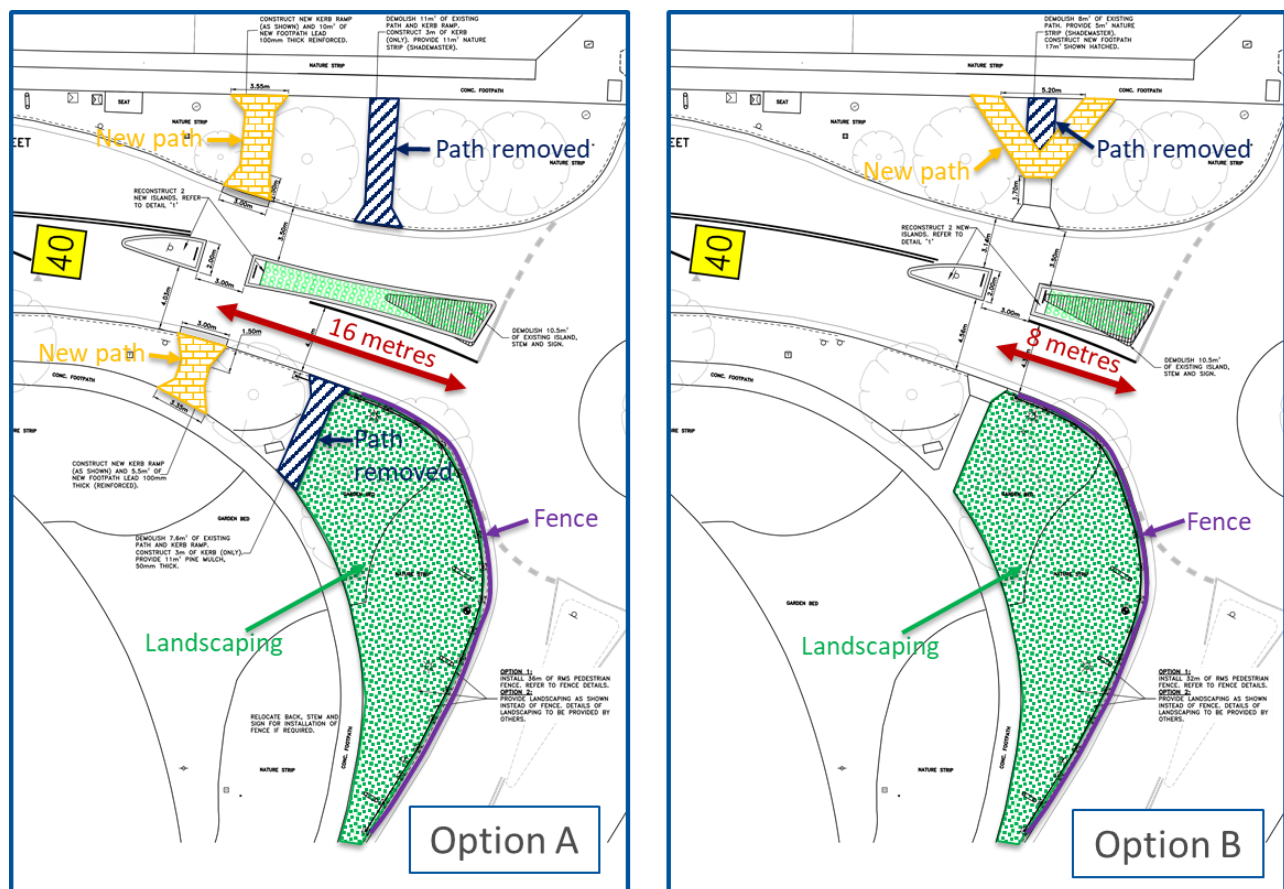


Figure 4. Options A and B for pedestrian refuge island on Macpherson Street, Waverley.

**4. Financial Information for Council's Consideration**

Council does not have available budget to deliver these works. An endorsement of budget allocation by Council is required to move this forward to construction. Estimated cost of construction is \$50,000 to \$70,000. There is potential to utilise the Neighbourhood Amenity Fund to supplement the living infrastructure component of this project.

**5. Attachments**

1. Option A [↓](#)
2. Option B [↓](#)

FOR TRAFFIC  
COMMITTEE  
APPROVAL

# MACPHERSON STREET, WAVERLEY AT ALBION STREET INTERSECTION PROPOSED PEDESTRIAN REFUGE ISLANDS

## GENERAL NOTES

1. THE DESIGN DRAWINGS SHOULD BE READ IN CONJUNCTION WITH RELEVANT COUNCIL'S STANDARD DRAWINGS.
2. DURING CONSTRUCTION THE WORK IS TO BE SIGNPOSTED AND MARKED TO THE REQUIREMENTS OF AS1742.2-2009 AND AS1742.3-2009 "TRAFFIC CONTROL DEVICES FOR WORKS ON ROADS".
3. A TRAFFIC MANAGEMENT PLAN & SITE SAFETY PLAN IS TO BE SUBMITTED TO COUNCIL'S PROJECT MANAGER PRIOR TO IMPLEMENTATION.
4. SOIL AND WATER MANAGEMENT PLAN IS TO BE SUBMITTED TO COUNCIL'S PROJECT MANAGER PRIOR TO IMPLEMENTATION.
5. ALL WORK IS TO BE CARRIED OUT TO BEST PRACTICE STANDARDS AND TO THE SATISFACTION OF COUNCIL'S PROJECT MANAGER.
6. THE WORK SITE IS TO BE PROTECTED USING APPROPRIATE SIGNAGE, FENCING, BARRICADING, AND PARAWEBBING FOR DURATION OF PROJECT CONSTRUCTION.
7. WHERE TRAFFIC CONDITIONS HAVE CHANGED DUE TO WORKS, CONTRACTOR TO INSTALL TEMPORARY SIGNS - "CHANGED TRAFFIC CONDITIONS AHEAD" ON ALL APPROACHES 75-100M IN ADVANCE OF THE WORK SITE AND MAINTAIN FOR 3 MONTHS AFTER COMPLETION OF WORKS.
8. ALL RESIDENTS AFFECTED BY THE PROPOSED WORKS ARE TO BE NOTIFIED AT LEAST 3 WORKING DAYS BEFORE THE COMMENCEMENT OF ROADWORKS.
9. SUITABLE VEHICULAR ACCESS SHALL BE MAINTAINED TO EACH DRIVEWAY OR ALTERNATIVE ARRANGEMENTS MADE WITH THE OWNERS.
10. WORK TO BE CARRIED OUT WITH IN THE APPROVED TIMINGS ONLY.

## SERVICES

11. UTILITIES (IF SHOWN) ARE DIAGRAMMATIC ONLY AND HAVE BEEN PREPARED FROM THE INFORMATION PROVIDED BY THE RELEVANT SERVICE AUTHORITIES. CONTRACTORS ARE RESPONSIBLE TO LOCATE AND AVOID DAMAGE TO THE SERVICE AS SPECIFIED BY EACH UTILITIES EXCAVATION GUIDELINES.
12. AUSGRID REQUIRES THAT CONTRACTOR SHOULD CONTACT THEM IF WORKING WITHIN 5.0M FROM UNDERGROUND ELECTRICITY CONDUITS.
13. EXISTING SERVICE COVERS SHALL BE ADJUSTED TO DESIRED LEVELS TO THE REQUIREMENTS OF THE RELEVANT SERVICE AUTHORITY.
14. NO SERVICE COVERS ARE TO BE COVERED.

## SIGNS & LINEMARKING

15. ALL TRAFFIC SIGNS TO COMPLY WITH AUSPEC 262 & RMSQA SPECIFICATION R65 AND TO BE OF HIGH INTENSITY CLASS 1 REFLECTIVITY.
16. ALL LINEMARKING IS TO COMPLY WITH AUSPEC 261 & RMS SPECIFICATION R141 - "PAVEMENT MARKING".
17. LINEMARKING TO BE IN THERMOPLASTIC TYPE (UNLESS STATED OTHERWISE) AND INCLUDE GLASS BEADS IN ACCORDANCE WITH RMS SPECIFICATIONS 3357 AND 3353 RESPECTIVELY. ALL RRPW'S TO COMPLY WITH RMS SPECIFICATION R62.
18. KERB FACES OF ALL ISLANDS TO BE PAINTED WHITE AND TO INCLUDE GLASS BEADS IN ACCORDANCE WITH RMS SPECIFICATION NO. 3353.
19. ALL LINEMARKING AND RRPW'S REMOVED OR AFFECTED DURING THE COURSE OF THE WORKS IS TO BE REINSTATED UNLESS NOTED OTHERWISE.
20. ALL EXISTING SIGNS TO REMAIN UNLESS OTHERWISE NOTED.
21. LINEMARKING AND SIGNPOSTING TO BE INSTALLED AS SOON AS PRACTICABLE.
22. REDUNDANT LINEMARKING IS TO BE REMOVED BY GRINDING WHERE SHOWN ON PLANS OR WHERE NEW LINEMARKING IS PROVIDED.
23. ALL SIGNPOSTING ON SPLITTER, KERB OR PEDESTRIAN REFUGE ISLANDS TO BE ERECTED USING V-NOTCH INSERTS, UNLESS NOTED OTHERWISE.
24. UNLESS SHOWN ON PLANS, NO STATE SURVEY MARKS ARE TO BE REMOVED PRIOR TO CONSULTING WITH COUNCIL'S SENIOR DESIGN TEAM LEADER.
25. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS STATED OTHERWISE.

IN CASE OF EMERGENCY, CONTACT THE FOLLOWING UTILITIES IF THEIR SERVICES ARE INVOLVED:

TELSTRA : 132203  
AGL (GAS) : 131909  
SYDNEY WATER : 132090  
AUSGRID : 131388

**LINEMARKING**  
ALL NEW LINEMARKING TO BE IN THERMOPLASTIC UNLESS NOTED OTHERWISE

**NOTE**  
ALL EXISTING SIGNS AND LINES TO REMAIN UNLESS NOTED OTHERWISE.

**IMPORTANT**  
REDUNDANT LINE MARKING MUST BE REMOVED BY GRINDING WHERE INDICATED ON PLANS.

## CONCRETE

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600 CURRENT EDITION WITH AMENDMENTS EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
2. CONCRETE QUALITY.

ELEMENT	SLUMP	MAX AGGREGATE SIZE	CEMENT TYPE	CEMENT GRADE
ALL	80mm	20mm	GP	25MPa

NO ADMIXTURES SHALL BE USED WITHOUT THE APPROVAL OF THE SENIOR PROJECT MANAGER, MAJOR PROJECTS.

3. CLEAR CONCRETE COVER TO REINFORCEMENT SHALL BE AS FOLLOWS UNLESS OTHERWISE SHOWN-

ELEMENT	SURFACE OF MEMBER IN INTERIOR ENVIRONMENT	SURFACE OF MEMBER IN ABOVE GROUND EXTERIOR ENVIRONMENT	SURFACE OF MEMBER IN CONTACT WITH GROUND (1)	SURFACE OF MEMBER IN WATER
ALL	35	45	55	75

**NOTE:**  
1. COVER MAY BE REDUCED BY 10mm IF THE SURFACE IS PROTECTED BY A DAMP-PROOF MEMBRANE.  
2. SLABS EXPOSED TO CORROSIVE VAPOURS, CORROSIVE GROUND WATER, SEA WATER, OR SPRAY ARE TO HAVE REINFORCEMENT COVER AS NOTED ON THE DRAWINGS.



UTILITIES ARE DIAGRAMMATIC ONLY. CONTRACTORS ARE RESPONSIBLE TO LOCATE AND AVOID DAMAGE TO THEM AS SPECIFIED BY EACH UTILITIES EXCAVATION GUIDELINES

## DRAWING SCHEDULE

- 1/6 - NOTES AND SCHEDULES  
2/6 - LAYOUT PLAN  
3/6 - SIGNS & LINEMARKING PLAN  
4/6 - DETAILS  
5/6 - TURNING TEST 19m ARTICULATED BUS  
6/6 - TURNING TEST 14.5m BUS

## RELEVANT STANDARD DRAWINGS:

FOLLOWING ARE WAVERLEY COUNCIL'S STANDARD DRAWINGS RELEVANT TO THIS PROJECT

- R1 - STANDARD KERB PROFILES
- F2 - REINFORCED CONCRETE FOOTPATH
- F3 - STANDARD KERB RAMPS
- G1 - SEDIMENT & EROSION CONTROL PLAN
- G4 - TURF REINSTATEMENT WORKS

## LEGEND

SYMBOLS	
●	STATE SURVEY MARK
▲	PERMANENT SURVEY MARK
○	SURVEY STATION
○	SPALLED HOLE
○	SURVEY HOLE
+	SPIN
+	SILENT COP
+	COLUMN
+	EXISTING SURFACE LEVEL
○	BOLLARD
○	HYDRANT
○	POWER POLE
○	LIGHT POLE
○	ELECTRICITY & LIGHT POLE
○	ELECTRICITY PILLAR
○	PHONE BOOTH
○	MAIL BOX
○	TELECOMM. SERVICE COVER
○	TELECOMMUNICATION PILLAR
○	FURBISH BN
○	STORMWATER MANHOLE
○	SEWER MANHOLE
○	STOP VALVE
○	WATER METER
○	GAS VALVE
○	TRAFFIC LIGHT BOX
○	TRAFFIC LIGHT
○	UNKNOWN SERVICE COVER
○	PARKING METER
○	TREE

LINE STYLES	
---	FENCELINE
---	WOODEN FENCE
---	HARD PAUL
---	GUARD PAUL
---	GATE
---	BOUNDARY LINE
---	TOP OF BANK
---	TABLE DRAIN
---	EXISTING DRAINAGE LINE
---	NEW DRAINAGE LINE
---	HEDGE
---	EDGE OF TREE CANOPY
---	EDGE OF BITUMEN
---	LINEMARKING (10/11, 4/1)
---	LINEMARKING (11/14, 4/1)

## LINEMARKING SCHEDULE

LINE TYPE/RRPMS	QUANTITY	LOCATION
LINE - BB	16m	AS SHOWN ON LAYOUT PLAN
LINE - E4	16m	AS SHOWN ON LAYOUT PLAN
LINE - ZIG ZAG	36m	AS SHOWN ON LAYOUT PLAN
"40" SCHOOL LOGO	1	AS SHOWN ON LAYOUT PLAN
GRINDING OUT - E4	4.5m	AS SHOWN ON LAYOUT PLAN
GRINDING OUT - BB	15m	AS SHOWN ON LAYOUT PLAN

## SIGNPOSTING SCHEDULE

SIGN NO.	QUANTITY	STEM	CONDITION	LOCATION
R2-3A(L)	1	SHORT	NEW	ISLAND
R1-3A	1	STANDARD	NEW	ISLAND
RELOCATE SIGNS	1	STANDARD	NEW	KERBSIDE

## LOCATION OF WORKS



LOCALITY PLAN  
(NTS)

CHECKED & APPROVED  
FOR CONSTRUCTION

AMEND	DATE	DESCRIPTION	DRAWN	APPROV
A	11/10/19	INITIAL ISSUE	ASHFAQ	ASHFAQ

SERVICES	
TELECOM/OPUS	---
GAS	---
SEWER	---
WATER	---
RAILWAY	---
ELEC. CABLES	---
OIL PIPELINES	---
STORM WATER	---



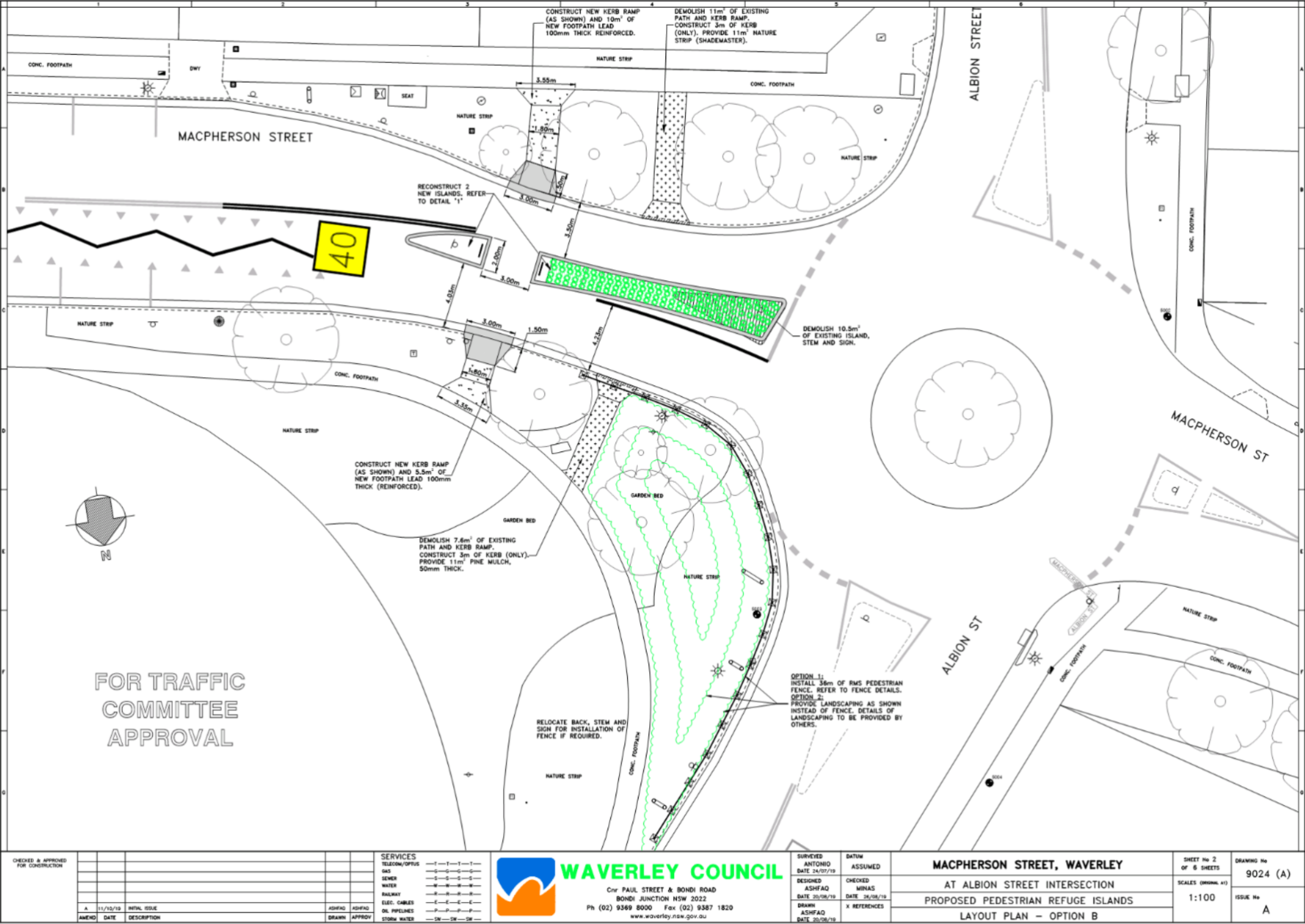
**WAVERLEY COUNCIL**

Cnr PAUL STREET & BONDI ROAD  
BONDI JUNCTION NSW 2022  
Ph (02) 9369 8000 Fax (02) 9387 1820  
www.waverley.nsw.gov.au

SURVEYED ANTONIO DATE 24/07/19	DATUM ASSUMED
DESIGNED ASHFAQ DATE 20/08/19	CHECKED MINAS DATE 26/08/19
DRAWN ASHFAQ DATE 20/08/19	X REFERENCES

**MACPHERSON STREET, WAVERLEY**  
**AT ALBION STREET INTERSECTION**  
**PROPOSED PEDESTRIAN REFUGE ISLANDS**  
**NOTES AND SCHEDULES - OPTION B**

SHEET No 1 OF 6 SHEETS	DRAWING No 9024 (A)
SCALE(S) (ORIGIN. 1:1)	ISSUE No A
N.A.	

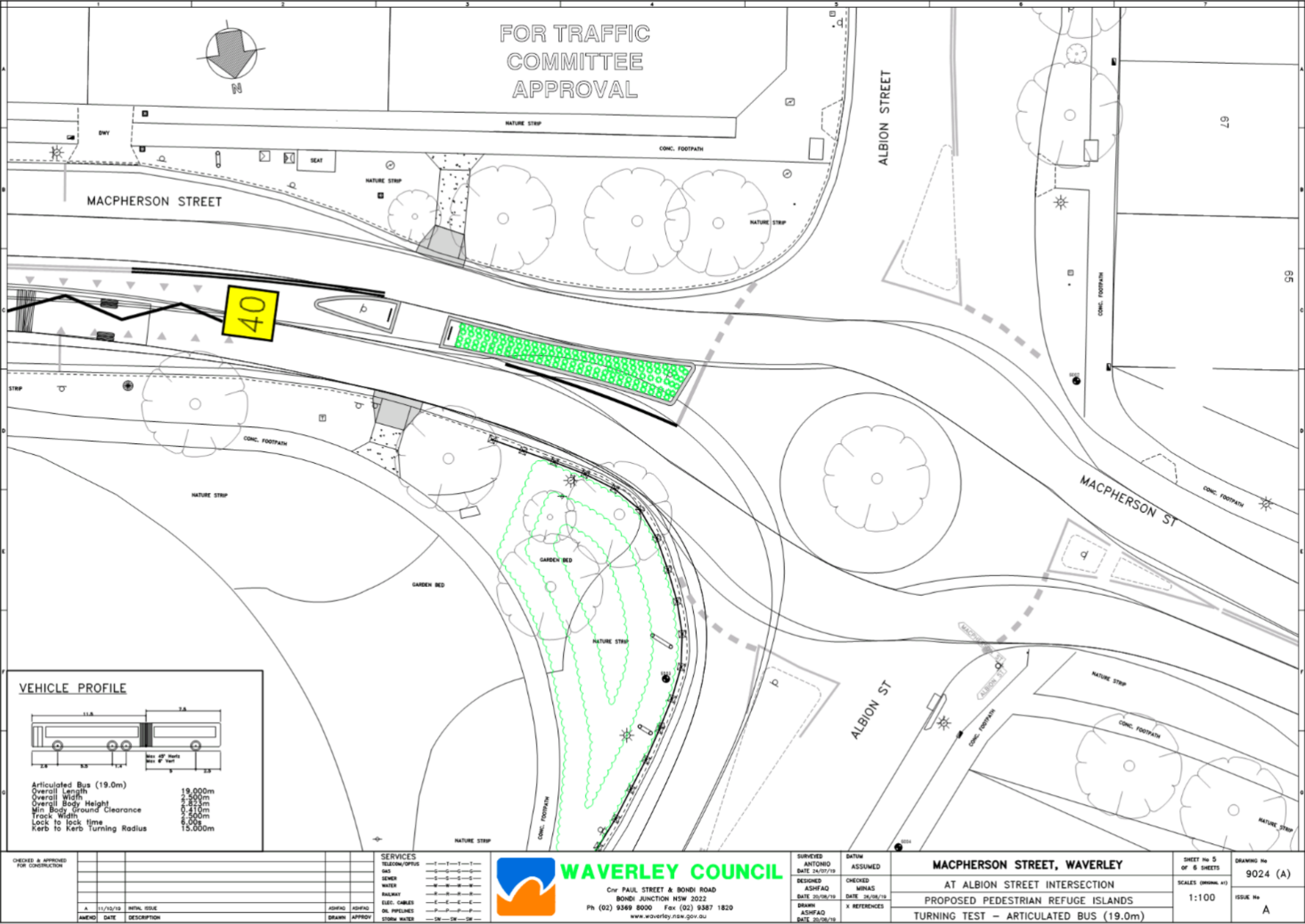


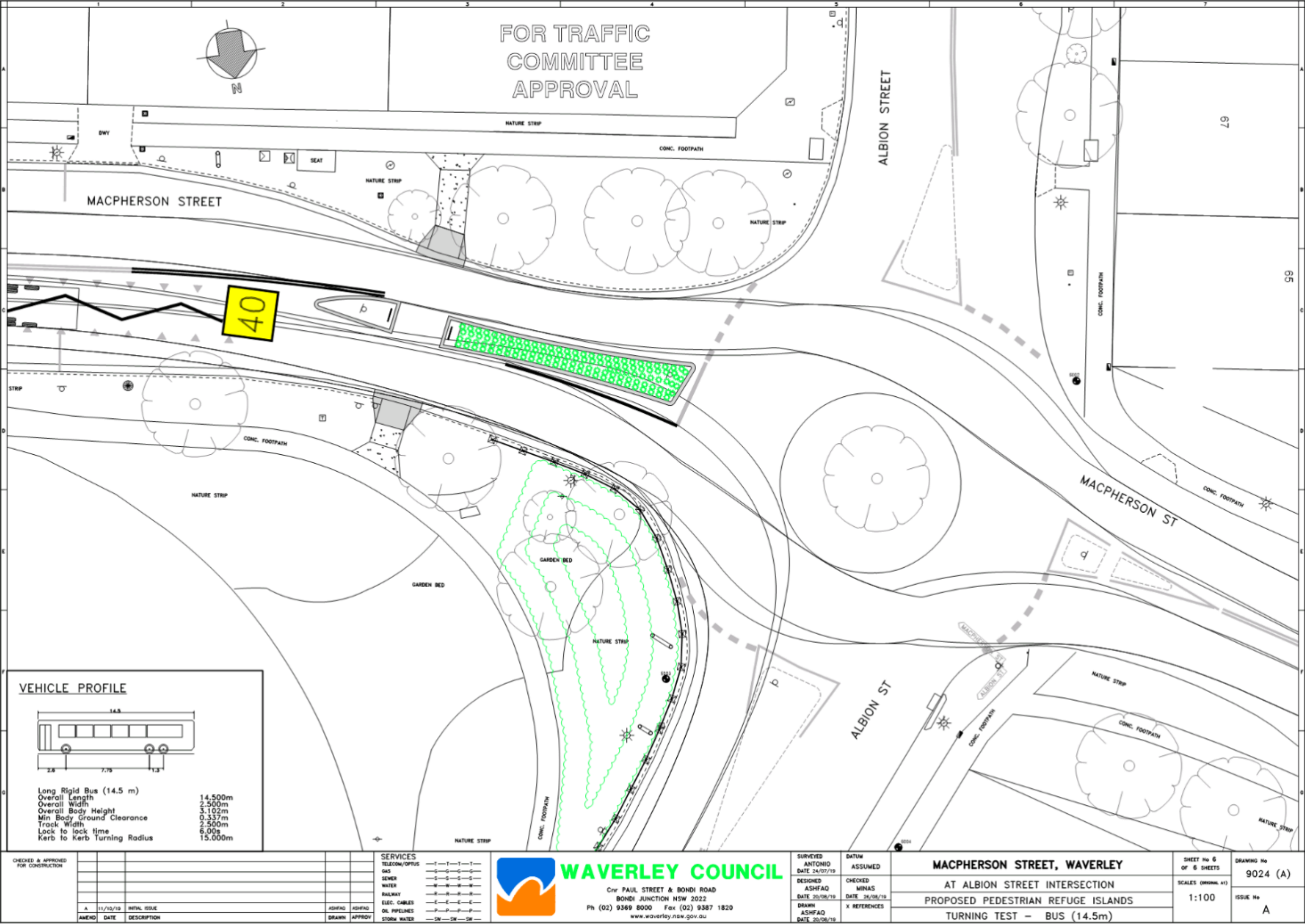
FOR TRAFFIC  
COMMITTEE  
APPROVAL

CHECKED & APPROVED FOR CONSTRUCTION									SERVICES			 <b>WAVERLEY COUNCIL</b> Cnr PAUL STREET & BONDI ROAD BONDI JUNCTION NSW 2022 Ph (02) 9369 8000 Fax (02) 9387 1820 www.waverley.nsw.gov.au			SURVEYED ANTONIO DATE 24/07/19 DESIGNED ASHFAQ DATE 20/08/19 DRAWN ASHFAQ DATE 20/08/19			DATUM ASSUMED CHECKED MINAS DATE 26/08/19 X REFERENCES			MACPHERSON STREET, WAVERLEY  AT ALBION STREET INTERSECTION  PROPOSED PEDESTRIAN REFUGE ISLANDS  LAYOUT PLAN – OPTION B			SHEET No 2 OF 6 SHEETS  1:100  ISSUE No A			DRAWING No 9024 (A)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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**MACPHERSON STREET, WAVERLEY  
AT ALBION STREET INTERSECTION  
PROPOSED PEDESTRIAN REFUGE ISLANDS**

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14. NO SERVICE COVERS ARE TO BE COVERED.

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16. ALL LINEMARKING IS TO COMPLY WITH AUSEP 261 & RMS SPECIFICATION R141 - "PAVEMENT MARKING"
17. LINEMARKING TO BE IN THERMOPLASTIC TYPE (UNLESS STATED OTHERWISE) AND INCLUDE GLASS BEADS IN ACCORDANCE WITH RMS SPECIFICATIONS 3357 AND 3353 RESPECTIVELY. ALL RRPW'S TO COMPLY WITH RMS SPECIFICATION R62.
18. KERB FACES OF ALL ISLANDS TO BE PAINTED WHITE AND TO INCLUDE GLASS BEADS IN ACCORDANCE WITH RMS SPECIFICATION NO. 3353.
19. ALL LINEMARKING AND RRPW'S REMOVED OR AFFECTED DURING THE COURSE OF THE WORKS IS TO BE REPAINTED UNLESS NOTED OTHERWISE.
20. ALL EXISTING SIGNS TO REMAIN UNLESS OTHERWISE NOTED.
21. LINEMARKING AND SIGNPOSTING TO BE INSTALLED AS SOON AS PRACTICABLE.
22. REDUNDANT LINEMARKING IS TO BE REMOVED BY GRINDING WHERE SHOWN ON PLANS OR WHERE NEW LINEMARKING IS PROVIDED.
23. ALL SIGNPOSTING ON SPLITTER, KERB OR PEDESTRIAN REFUGE ISLANDS TO BE ERECTED USING V-NOTCH INSERTS, UNLESS NOTED OTHERWISE.
24. UNLESS SHOWN OTHERWISE, NO STATE SURVEY MARKS ARE TO BE REMOVED PRIOR TO CONSULTING WITH COUNCIL SENIOR DESIGN TEAM LEADER.
25. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS STATED OTHERWISE.

**LINEMARKING**  
ALL NEW LINEMARKING TO  
BE IN THERMOPLASTIC  
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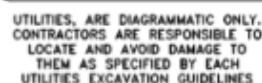
1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600 CURRENT EDITION WITH AMENDMENTS EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
2. CONCRETE QUALITY.

NO ADMIXTURES SHALL BE USED WITHOUT THE APPROVAL OF THE SENIOR PROJECT MANAGER, MAJOR PROJECTS. CLEAR CONCRETE COVER TO REINFORCEMENT SHALL BE AS FOLLOWS UNLESS OTHERWISE SHOWN-

ELEMENT	SURFACE OF MEMBER IN INTERIOR ENVIRONMENT	SURFACE OF MEMBER IN ABOVE GROUND EXTERIOR ENVIRONMENT	SURFACE OF MEMBER IN CONTACT WITH CONCRETE (1)	SURFACE OF MEMBER IN WATER
ALL	35	45	55	75

NOTE:

1. COVER MAY BE REDUCED BY 10mm IF THE SURFACE IS PROTECTED BY A DAMP-PROOF MEMBRANE.
2. SLABS EXPOSED TO CORROSIVE VAPOURS, CORROSIVE GROUND WATER, SEA WATER, OR SPRING ARE TO HAVE REINFORCEMENT COVER AS NOTED ON THE DRAWINGS.



LINE TYPE/RRPMS	QUANTITY	LOCATION
LINE -- BB	16m	AS SHOWN ON LAYOUT PL
LINE -- E4	16m	AS SHOWN ON LAYOUT PL
LINE -- ZIG ZAG	36m	AS SHOWN ON LAYOUT PL
'40" SCHOOL LOGO	1	AS SHOWN ON LAYOUT PL
GRINDING OUT -- E4	4.5m	AS SHOWN ON LAYOUT PL
GRINDING OUT -- BB	15m	AS SHOWN ON LAYOUT PL

SIGN NO.	QUANTITY	STEM	CONDITION	LOCATION
R2-3A(L)	1	SHORT	NEW	ISLAND
R1-3A	1	STANDARD	NEW	ISLAND
RELOCATE SIGNS	1	STANDARD	NEW	KERRSIDE

**DRAWING SCHEDULE**

- 1/6 - NOTES AND SCHEDULES
- 2/6 - LAYOUT PLAN
- 3/6 - SIGNS & LINEMARKING PLAN
- 4/6 - DETAILS
- 5/6 - TURNING TEST 19m ARTICULATED BUS
- 6/6 - TURNING TEST 14.5m BUS

FOLLOWING ARE WAVERLEY COUNCIL'S STANDARD DRAWINGS  
RELEVANT TO THIS PROJECT

- R1 - STANDARD KERB PROFILES
- F2 - REINFORCED CONCRETE FOOTPATH
- F3 - STANDARD KERB RAMPS
- G1 - SEDIMENT & EROSION CONTROL PLAN
- G4 - TURF REINSTATEMENT WORKS

## SYMBOLS

	STATE SURVEY MARK
	PERMANENT SURVEY MARK
	SURVEY STATION
	DRILLED HOLE
	SURVEY NAIL
	SEWER
	SILENT COP
	COLUMN
	EXISTING SURFACE LEVEL
	BOLLARD
	HYDRANT
	POWER POLE
	LIGHT POLE
	ELECTRICITY & LIGHT POLE
	ELECTRICITY PALLAR
	PHONE BOOTH
	RAIL BOX
	TELECOMM. SERVICE COVER
	TELECOMMUNICATION PALLAR
	RUBBISH BIN
	STOPWATER MANHOLE
	SEWER MANHOLE
	STOP VALVE
	WATER METER
	GAS VALVE
	TRAFFIC LIGHT BOX
	TRAFFIC LIGHT
	UNKNOWN SERVICE COVER
	PARKING METER
	TREE

## LINE STYLES

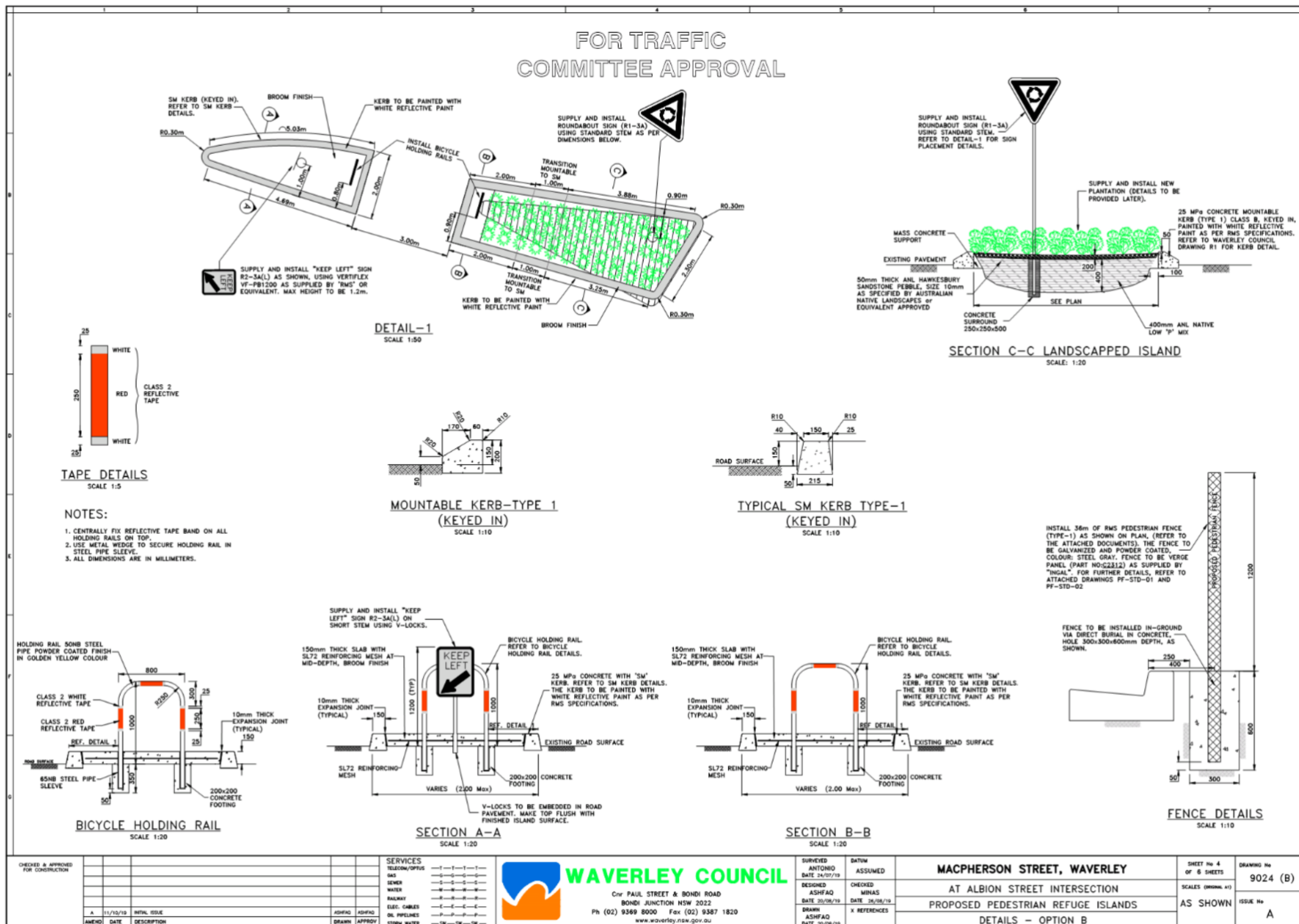
	FENCELINE
	WOODEN FENCE
	GUARD RAIL
	GATE
	BOUNDARY LINE
	TOP OF BANK
	TABLE DRAIN
	EXISTING DRAINAGE LINE
	NEW DRAINAGE LINE
	HEDGE
	EDGE OF TREE CANOPY
	EDGE OF STREAM
	UNMAPPING (T/C), etc.
	UNMAPPING (D/E), etc.

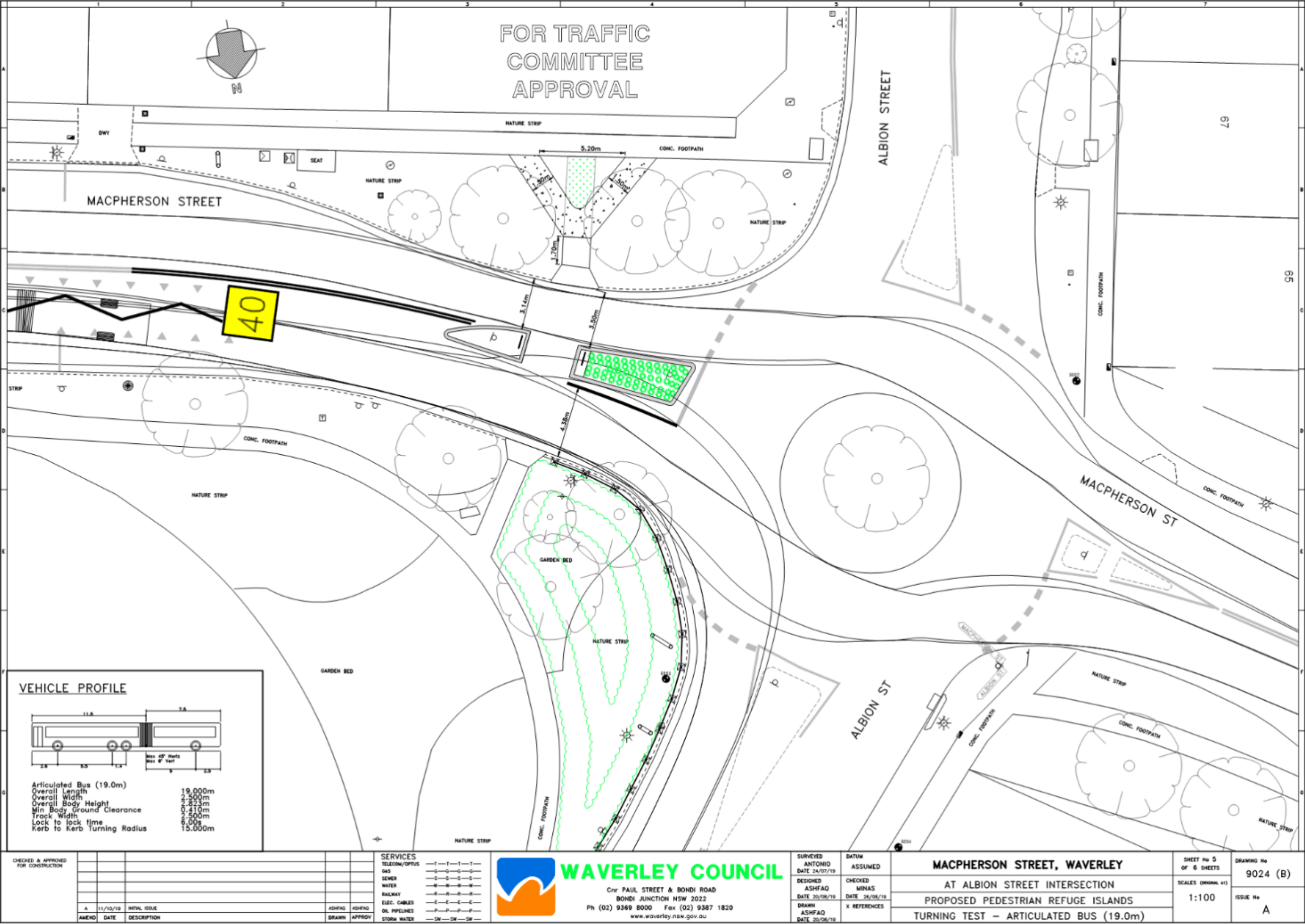
LOCALITY PLAN  
(NTS)

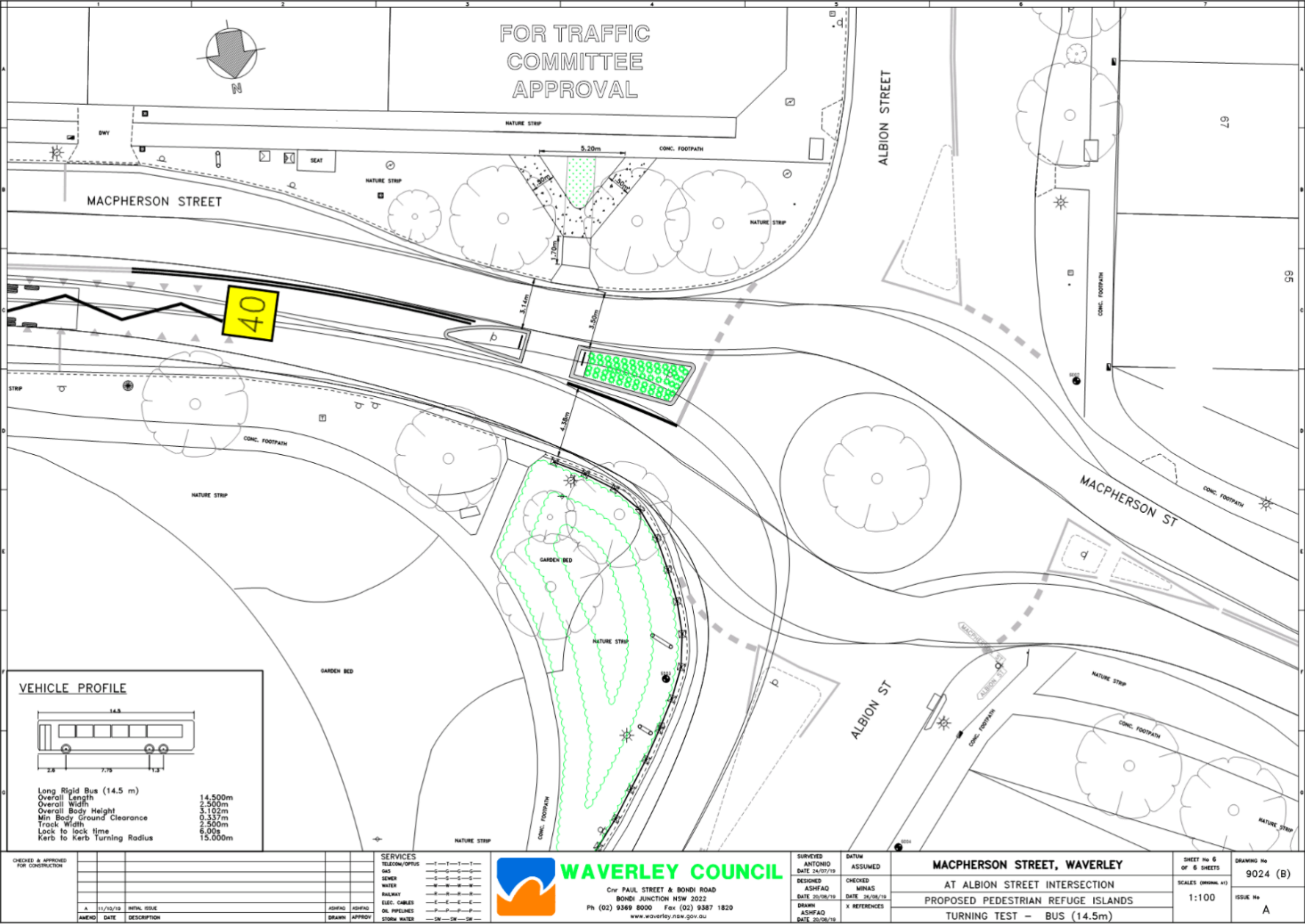
[illegible]











**REPORT**  
**TC/C.04/19.10**

**Subject:** Firth Street and Kent Street, Waverley - 'No Stopping' Zone

**TRIM No.:** A14/0145

**Author:** Hamoon Bahari, Professional Engineer

**Authoriser:** Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

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**COUNCIL OFFICER'S PROPOSAL:**

That Council installs a No Stopping line (unbroken yellow C3 line) on the north-east corner of the intersection of Firth Street and Kent Street, Waverley, from the existing pram ramp on the corner of Firth Street around the bend to Kent Street until the telegraph pole.

**1. Executive Summary**

Council has received representations requesting that consideration be given to improving sight distances and manoeuvrability by imposing the statutory 'No Stopping' restriction on the north-east corner of the intersection of Firth Street and Kent Street, Waverley.

In response, it is proposed to install the statutory 'No Stopping' restrictions at this location.

Council will be required to exercise its delegated functions to implement the proposal.

**2. Introduction/Background**

Residents have reported that pedestrian access, sight distances and manoeuvrability are restricted when vehicles are parked close to the pram ramp on the north-east corner of the intersection of Firth Street and Kent Street, Waverley.

**3. Technical Analysis**

There is currently no signage on the north-east corner of Firth Street and Kent Street. Vehicles are often parked close to, and past, the existing pram ramp on Firth Street. The pram ramp is located just north of the intersection.

Installation of a No Stopping line (unbroken yellow C3 line) will facilitate access to the footpath and enforce the statutory No Stopping restrictions.



*Figure 1. Location of the proposed 'No Stopping' restriction on the north east corner of Firth Street and Kent Street.*

#### **4. Financial Information for Council's Consideration**

Council will undertake the installation of signs/lines from existing budgets if the proposed changes are approved.

#### **5. Attachments**

Nil.

**REPORT**  
**TC/V.01/19.10**

**Subject:** Kenilworth Street, Bondi - Pedestrian Refuge Island

**TRIM No:** A03/0042-04

**Author:** Calum Hutcheson, Service Manager, Traffic and Transport

**Authoriser:** Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

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**COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Installs a pedestrian refuge island with associated line marking and signage in Kenilworth Street at the intersection with Flood Street, Bondi, in accordance with Drawing 9025 attached to this report.
2. Installs No Left Turn and No Right Turn restrictions for vehicles over 9 m at the intersection to prevent movements from Flood Street into Kenilworth Street.

**1. Executive Summary**

The September 2019 Waverley Traffic Committee considered design plans for a pedestrian refuge to be constructed at the intersection of Kenilworth and Flood Street, Bondi. It recommended approval of a design to be submitted to Council for adoption.

Council has raised issues in relation to the design. They can be summarised as:

1. Consideration of an alternative design to prevent long vehicles entering Kenilworth Street at Flood Street that minimises the proposed lost parking spaces on the northern side of Kenilworth Street.
2. Assessment of swept paths into Kenilworth Street for various vehicle lengths and types from both directions in Flood Street for Waverley Traffic Committee consideration.
3. Consideration of appropriate advisory signage at the intersection of Kenilworth and Flood streets.

Modified plans and signs have been prepared taking into account the feedback from Council. Copies are attached to this report.

**2. Introduction/Background**

Officers have completed detailed designs of a proposed pedestrian refuge island on Kenilworth Street at the intersection with Flood Street and are now seeking approval to construct them. Council will need to exercise its delegated functions to implement the proposal.

**3. Technical Analysis**

The intersection of Kenilworth Street with Flood Street is shown in Figure 1. It is unsignalised. A pedestrian crossing is located on Flood Street just south of Kenilworth Street. Heavy vehicles turning into Kenilworth Street from Flood Street are unable to safely traverse other intersections further west. The measures at

Kenilworth Street will assist in reducing the filtration of heavy vehicles into these local streets and improve pedestrian safety in the vicinity of Flood Street.

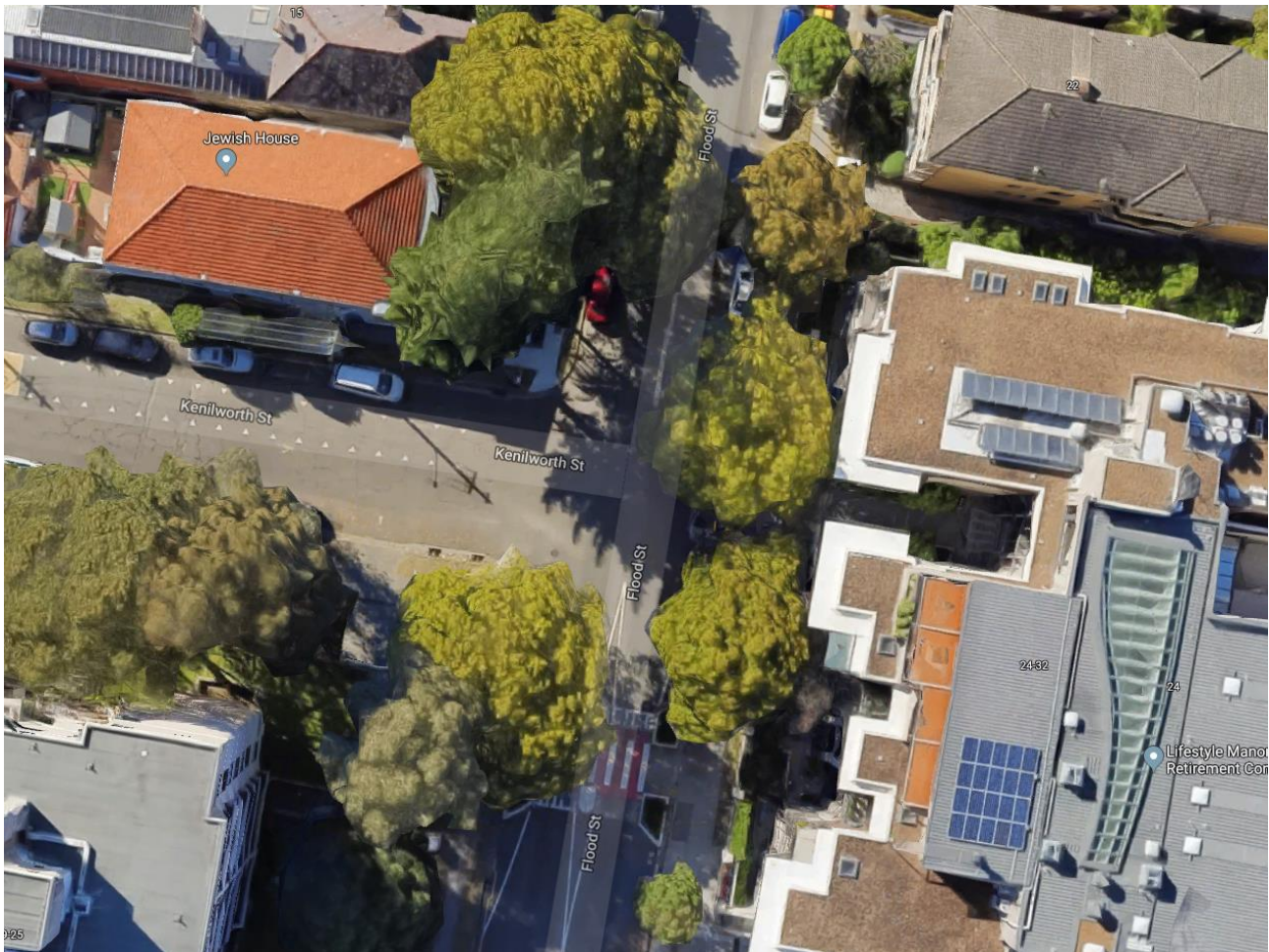


Figure 1. Aerial image of Kenilworth Street at Flood Street, Bondi.

It is recommended that the proposed design be approved to address the issue of large heavy vehicles using these narrow streets and to improve pedestrian safety at the Kenilworth Street/Flood Street intersection.

### Modified vs original plans

The original and modified plans are shown in Figure 2.

The modified plans change parking conditions on the northern side of Kenilworth Street. The No Stopping restriction has been reduced from 20 m to 10 m. A kerb extension has been added within the 10 m zone to enforce the No Stopping restriction. This results in an additional two on-street car parking spaces.

### Vehicle swept paths

The modified plans can still accommodate a 12.5 m long single unit truck/bus, albeit marginally. In order to do so, the vehicle would have to sweep across the kerb or centre island. This is unlikely to occur. Regardless, reinforcing signage is desirable. The signage proposed is standard No Left and No Right Turns signs (R2-6), supplemented by signage stating 'Vehicles Under 9 Metres Excepted'.

An example of the signage is presented in Figure 3. It restricts access from a state road into a local road.

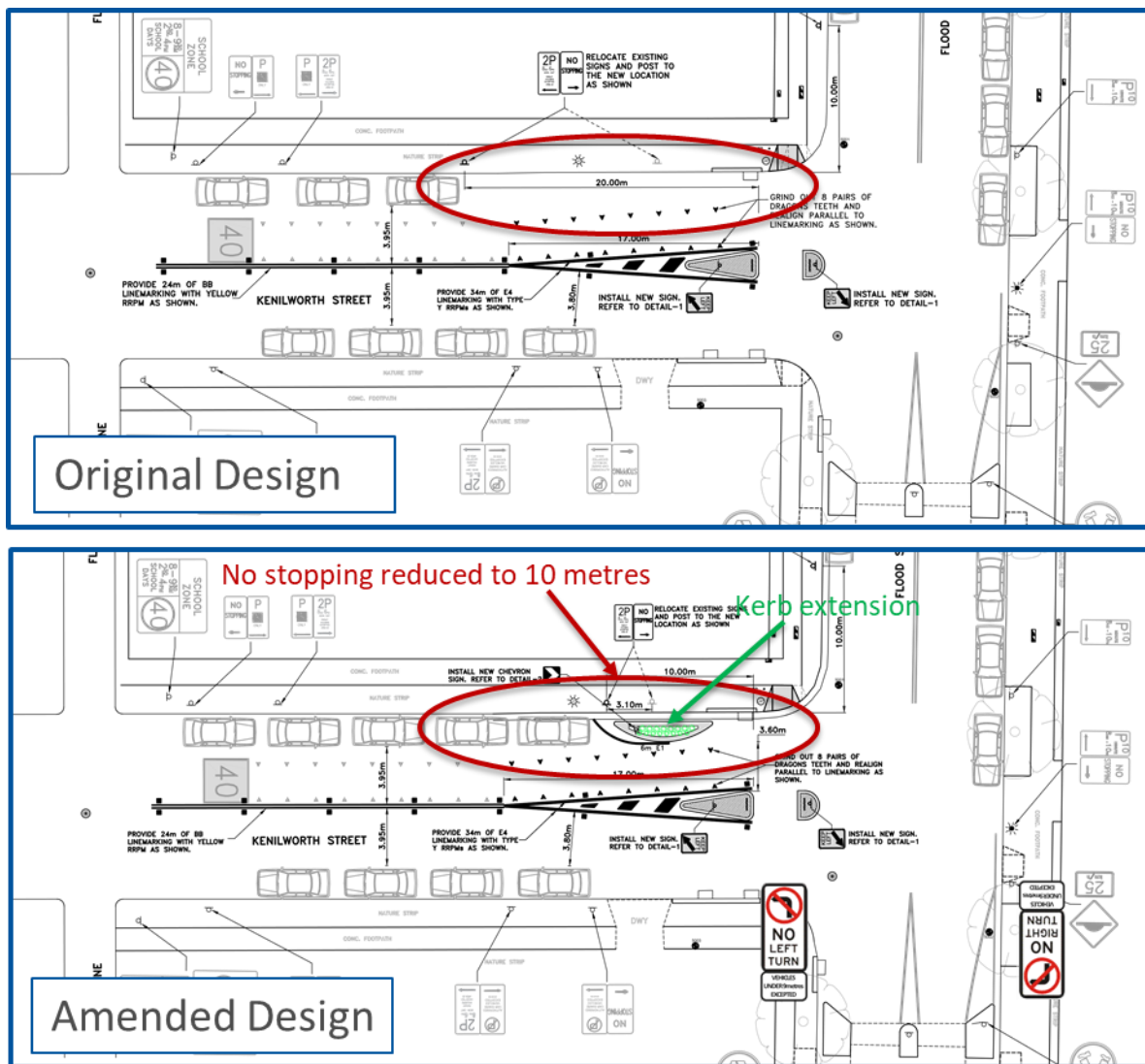


Figure 2. Comparison of modified vs original plans.



Figure 3. Example of turn restrictions based on vehicle length (sign at intersection of Duke Street and Canterbury Road, Campsie).

#### 4. Financial Information for Council's Consideration

Council does not have available budget to deliver these works. An endorsement of budget allocation by Council is required to move this forward to construction. Estimated cost of construction is \$45,000.

**5. Attachments**

1. Kenilworth St and Flood St - Pedestrian Refuge - Amended Design [↓](#)

# KENILWORTH STREET, BONDI AT FLOOD STREET INTERSECTION PROPOSED PEDESTRIAN REFUGE ISLANDS

FOR TRAFFIC  
COMMITTEE  
APPROVAL

## GENERAL NOTES

1. THE DESIGN DRAWINGS SHOULD BE READ IN CONJUNCTION WITH RELEVANT COUNCIL'S STANDARD DRAWINGS.
2. DURING CONSTRUCTION THE WORK IS TO BE SIGNPOSTED AND MARKED TO THE REQUIREMENTS OF AS1742.2-2009 AND AS1742.3-2009 "TRAFFIC CONTROL DEVICES FOR WORKS ON ROADS".
3. A TRAFFIC MANAGEMENT PLAN & SITE SAFETY PLAN IS TO BE SUBMITTED TO COUNCIL'S PROJECT MANAGER PRIOR TO IMPLEMENTATION.
4. SOIL AND WATER MANAGEMENT PLAN IS TO BE SUBMITTED TO COUNCIL'S PROJECT MANAGER PRIOR TO IMPLEMENTATION.
5. ALL WORK IS TO BE CARRIED OUT TO BEST PRACTICE STANDARDS AND TO THE SATISFACTION OF COUNCIL'S PROJECT MANAGER.
6. THE WORK SITE IS TO BE PROTECTED USING APPROPRIATE SIGNAGE, FENCING, BARRICADING, AND PARAWEBBING FOR DURATION OF PROJECT CONSTRUCTION.
7. WHERE TRAFFIC CONDITIONS HAVE CHANGED DUE TO WORKS, CONTRACTOR TO INSTALL TEMPORARY SIGNS - "CHANGED TRAFFIC CONDITIONS AHEAD" ON ALL APPROACHES 75-100m IN ADVANCE OF THE WORK SITE AND MAINTAIN FOR 3 MONTHS AFTER COMPLETION OF WORKS.
8. ALL RESIDENTS AFFECTED BY THE PROPOSED WORKS ARE TO BE NOTIFIED AT LEAST 3 WORKING DAYS BEFORE THE COMMENCEMENT OF ROADWORKS.
9. SUITABLE VEHICULAR ACCESS SHALL BE MAINTAINED TO EACH DRIVEWAY OR ALTERNATIVE ARRANGEMENTS MADE WITH THE OWNERS.
10. WORK TO BE CARRIED OUT WITH IN THE APPROVED TIMINGS ONLY.

## SERVICES

11. UTILITIES (IF SHOWN) ARE DIAGRAMMATIC ONLY AND HAVE BEEN PREPARED FROM THE INFORMATION PROVIDED BY THE RELEVANT SERVICE AUTHORITIES. CONTRACTORS ARE RESPONSIBLE TO LOCATE AND AVOID DAMAGE TO THE SERVICE AS SPECIFIED BY EACH UTILITIES EXCAVATION GUIDELINES.
12. AUSGRID REQUIRES THAT CONTRACTOR SHOULD CONTACT THEM IF WORKING WITHIN 5.0M FROM UNDERGROUND ELECTRICITY CONDUITS.
13. EXISTING SERVICE COVERS SHALL BE ADJUSTED TO DESIRED LEVELS TO THE REQUIREMENTS OF THE RELEVANT SERVICE AUTHORITY.
14. NO SERVICE COVERS ARE TO BE COVERED.

## SIGNS & LINEMARKING

15. ALL TRAFFIC SIGNS TO COMPLY WITH AUSPEC 282 & RMSQA SPECIFICATION R65 AND TO BE OF HIGH INTENSITY CLASS 1 REFLECTIVITY.
16. ALL LINEMARKING IS TO COMPLY WITH AUSPEC 261 & RMS SPECIFICATION R141 - "PAVEMENT MARKING".
17. LINEMARKING TO BE IN THERMOPLASTIC TYPE (UNLESS STATED OTHERWISE) AND INCLUDE GLASS BEADS IN ACCORDANCE WITH RMS SPECIFICATIONS 3357 AND 3353 RESPECTIVELY. ALL RRPMS TO COMPLY WITH RMS SPECIFICATION R62.
18. KERB FACES OF ALL ISLANDS TO BE PAINTED WHITE AND TO INCLUDE GLASS BEADS IN ACCORDANCE WITH RMS SPECIFICATION NO. 3353.
19. ALL LINEMARKING AND RRPMS REMOVED OR AFFECTED DURING THE COURSE OF THE WORKS IS TO BE REINSTATED UNLESS NOTED OTHERWISE.
20. ALL EXISTING SIGNS TO REMAIN UNLESS OTHERWISE NOTED.
21. LINEMARKING AND SIGNPOSTING TO BE INSTALLED AS SOON AS PRACTICABLE.
22. REDUNDANT LINEMARKING IS TO BE REMOVED BY GRINDING WHERE SHOWN ON PLANS OR WHERE NEW LINEMARKING IS PROVIDED.
23. ALL SIGNPOSTING ON SPLITTER, KERB OR PEDESTRIAN REFUGE ISLANDS TO BE ERECTED USING V-NOTCH INSERTS, UNLESS NOTED OTHERWISE.
24. UNLESS SHOWN ON PLANS, NO STATE SURVEY MARKS ARE TO BE REMOVED PRIOR TO CONSULTING WITH COUNCIL'S SENIOR DESIGN TEAM LEADER.
25. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS STATED OTHERWISE.

## CONCRETE

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600 CURRENT EDITION WITH AMENDMENTS EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
2. CONCRETE QUALITY.

ELEMENT	SLUMP	MAX AGGREGATE SIZE	CEMENT TYPE	CEMENT GRADE
ALL	80mm	20mm	GP	25MPa

NO ADMIXTURES SHALL BE USED WITHOUT THE APPROVAL OF THE SENIOR PROJECT MANAGER, MAJOR PROJECTS.  
CLEAR CONCRETE COVER TO REINFORCEMENT SHALL BE AS FOLLOWS UNLESS OTHERWISE SHOWN-

ELEMENT	SURFACE OF MEMBER IN INTERIOR ENVIRONMENT	SURFACE OF MEMBER IN ABOVE GROUND EXTERIOR ENVIRONMENT	SURFACE OF MEMBER IN CONTACT WITH GROUND (1)	SURFACE OF MEMBER IN WATER
ALL	35	45	55	75

NOTE:  
1. COVER MAY BE REDUCED BY 10mm IF THE SURFACE IS PROTECTED BY A DAMP-PROOF MEMBRANE.  
2. SLABS EXPOSED TO CORROSIVE VAPOURS, CORROSIVE GROUND WATER, SEA WATER, OR SPRAY ARE TO HAVE REINFORCEMENT COVER AS NOTED ON THE DRAWINGS.

4. SIZES OF CONCRETE ELEMENTS DO NOT INCLUDE THICKNESS OF APPLIED FINISHES.
5. CONSTRUCTION JOINTS WHERE NOT SHOWN SHALL BE LOCATED TO THE APPROVAL OF THE SENIOR PROJECT MANAGER, MAJOR PROJECTS.
6. NO HOLES OR CHASES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.
7. WELDING OF REINFORCEMENT WILL NOT BE PERMITTED UNLESS SHOWN ON THE STRUCTURAL DRAWINGS.
8. PIPES OR CONDUITS SHALL NOT BE PLACED WITHIN THE CONCRETE COVER TO REINFORCEMENT WITHOUT THE APPROVAL OF THE ENGINEER. THE CONCRETE COVER TO EMBEDDED PIPES OR CONDUITS SHALL BE A MINIMUM OF 20mm.
9. ALL REINFORCEMENT FABRIC SHALL COMPLY WITH AS 1303 AND AS 1304 AND SHALL BE SUPPLIED AS FLAT SHEETS.
10. ALL CONCRETE TO BE MECHANICALLY VIBRATED IN FORM TO GIVE MAXIMUM COMPACTION WITHOUT SEGREGATION OF CONCRETE.
11. PROVIDE 20mm CHAMFER TO ALL EXPOSED EDGES U.N.O.

## DRAWING SCHEDULE

- 1/7 - NOTES AND SCHEDULES
- 2/7 - LAYOUT PLAN
- 3/7 - SIGNS & LINEMARKING PLAN
- 4/7 - DETAILS
- 5/7 - TURNING TEST - BBS VEHICLE (4.9m)
- 6/7 - TURNING TEST - SERVICE VEHICLE (8.8m)
- 7/7 - TURNING TEST - SINGLE UNIT TRUCK/BUS (8.8m)

## RELEVANT STANDARD DRAWINGS:

FOLLOWING ARE Waverley COUNCIL'S STANDARD DRAWINGS RELEVANT TO THIS PROJECT

- R1 - STANDARD KERB PROFILES
- F3 - STANDARD KERB RAMPS
- G1 - SEDIMENT & EROSION CONTROL PLAN

## LINEMARKING SCHEDULE

LINE TYPE/RRPMS	QUANTITY	LOCATION
E4	34	OUTLINE ISLAND
BB	28m	ROAD E
CHEVRON PAINTING	10sq.m	PRECEEDING ISLAND
RRPMS-TYPE Y	4	ALONG E4 LINES
RRPMS-TYPE YY	6	ALONG BB LINES
GRINDING DRAGONS TEETH	8 PAIRS	AS SHOWN
DRAGON'S TEETH	8 PAIRS	AS SHOWN

## SIGNPOSTING SCHEDULE

SIGN NO.	QUANTITY	STEM	CONDITION	LOCATION
R2-3A(L)	2	VERTIFLEX	NEW	ISLAND
R5-400(L)	1	STANDARD	NEW	KERBSIDE
R5-400(R)	1	USE EXISTING	RELOCATE	KERBSIDE
2P PARKING	1	USE EXISTING	RELOCATE	KERBSIDE
W6-30	1	POWER POLE	NEW	KERBSIDE
W6-250	1	POWER POLE	NEW	KERBSIDE
D4-1-2A	1	VERTIFLEX	NEW	BLISTER ISL

NOTE: SIGNS TO BE REMOVED ARE NOT INCLUDED IN THIS SCHEDULE.

STATION	CO-ORDS	LEVEL
S001	1000.000/1000.000	100.000
S002	1013.938/ 986.062	100.884
S003	994.710/ 980.428	101.279



UTILITIES, IF SHOWN, ARE DIAGRAMMATIC ONLY. CONTRACTORS ARE RESPONSIBLE TO LOCATE AND AVOID DAMAGE TO THEM AS SPECIFIED BY EACH UTILITIES EXCAVATION GUIDELINES.

IN CASE OF EMERGENCY, CONTACT THE FOLLOWING UTILITIES IF THEIR SERVICES ARE INVOLVED:  
TELSTRA : 132203  
AGL (GAS) : 131909  
SYDNEY WATER : 132090  
AUSGRID : 131388

LINEMARKING  
ALL NEW LINEMARKING TO BE IN THERMOPLASTIC UNLESS NOTED OTHERWISE

NOTE  
ALL EXISTING SIGNS AND LINES TO REMAIN UNLESS NOTED OTHERWISE.

IMPORTANT  
REDUNDANT LINE MARKING MUST BE REMOVED BY GRINDING WHERE INDICATED ON PLANS.

## LOCATION OF WORKS



LOCALITY PLAN  
(NTS)

CHECKED & APPROVED FOR CONSTRUCTION

AMEND	DATE	DESCRIPTION	DRAWN	APPROV
A	11/10/19	INITIAL ISSUE	A. MADRID	ASHFAQ

SERVICES	TELECOM/OPUS	GAS	SEWER	RAILWAY	ELEC. CABLES	OIL PIPELINES	STORM WATER
	—T—T—T—T—	—G—G—G—G—	—S—S—S—S—	—R—R—R—R—	—E—E—E—E—	—P—P—P—P—	—SW—SW—SW—



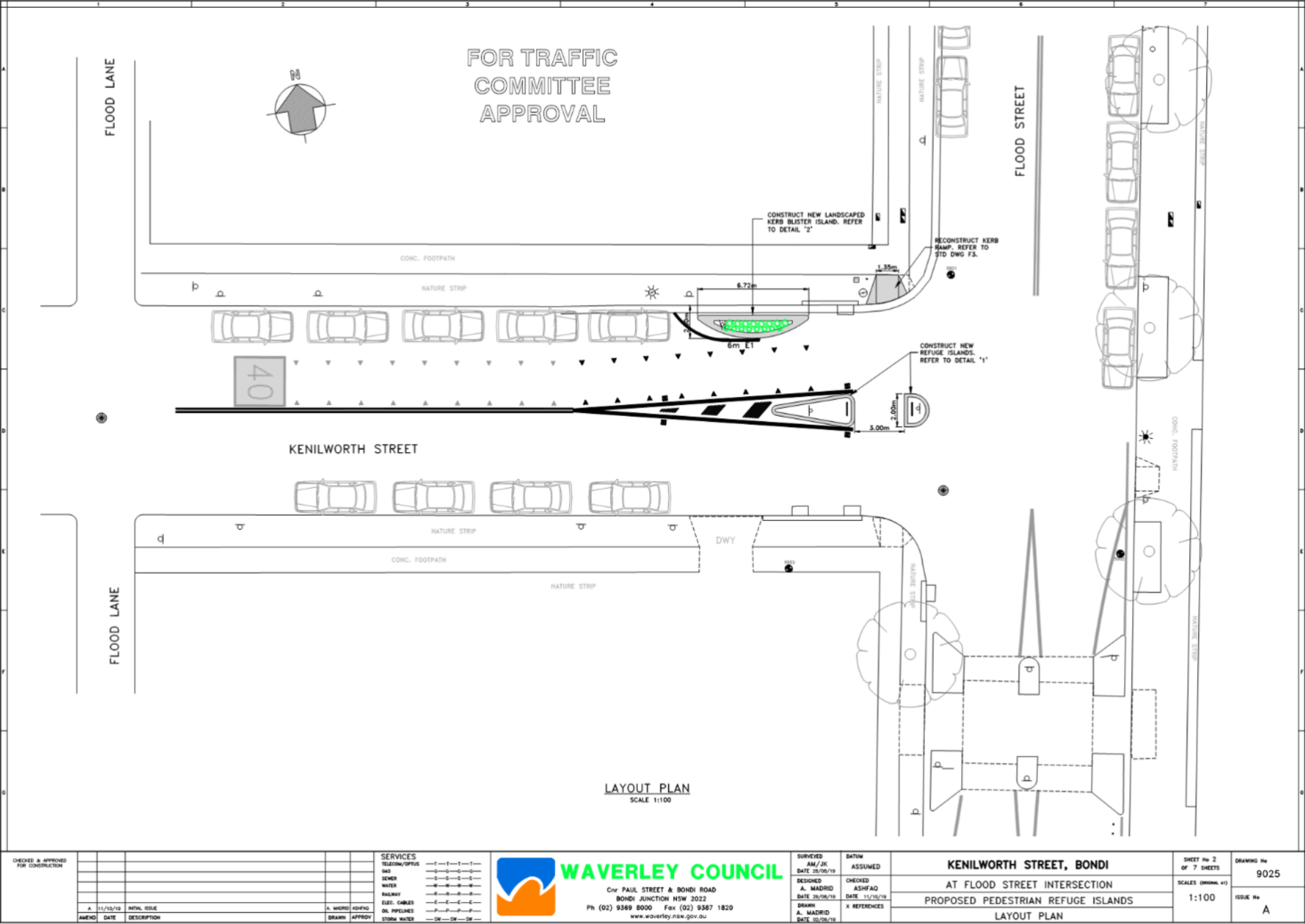
**WAVERLEY COUNCIL**

Cnr PAUL STREET & BONDI ROAD  
BONDI JUNCTION NSW 2022  
Ph (02) 9369 8000 Fax (02) 9387 1820  
www.waverley.nsw.gov.au

SURVEYED AM/JK DATE 25/08/19	DATUM ASSUMED
DESIGNED A. MADRID DATE 25/08/19	CHECKED ASHFAQ DATE 11/10/19
DRAWN A. MADRID DATE 02/09/19	X REFERENCES

**KENILWORTH STREET, BONDI**  
**AT FLOOD STREET INTERSECTION**  
**PROPOSED PEDESTRIAN REFUGE ISLANDS**  
**NOTES & SCHEDULES**

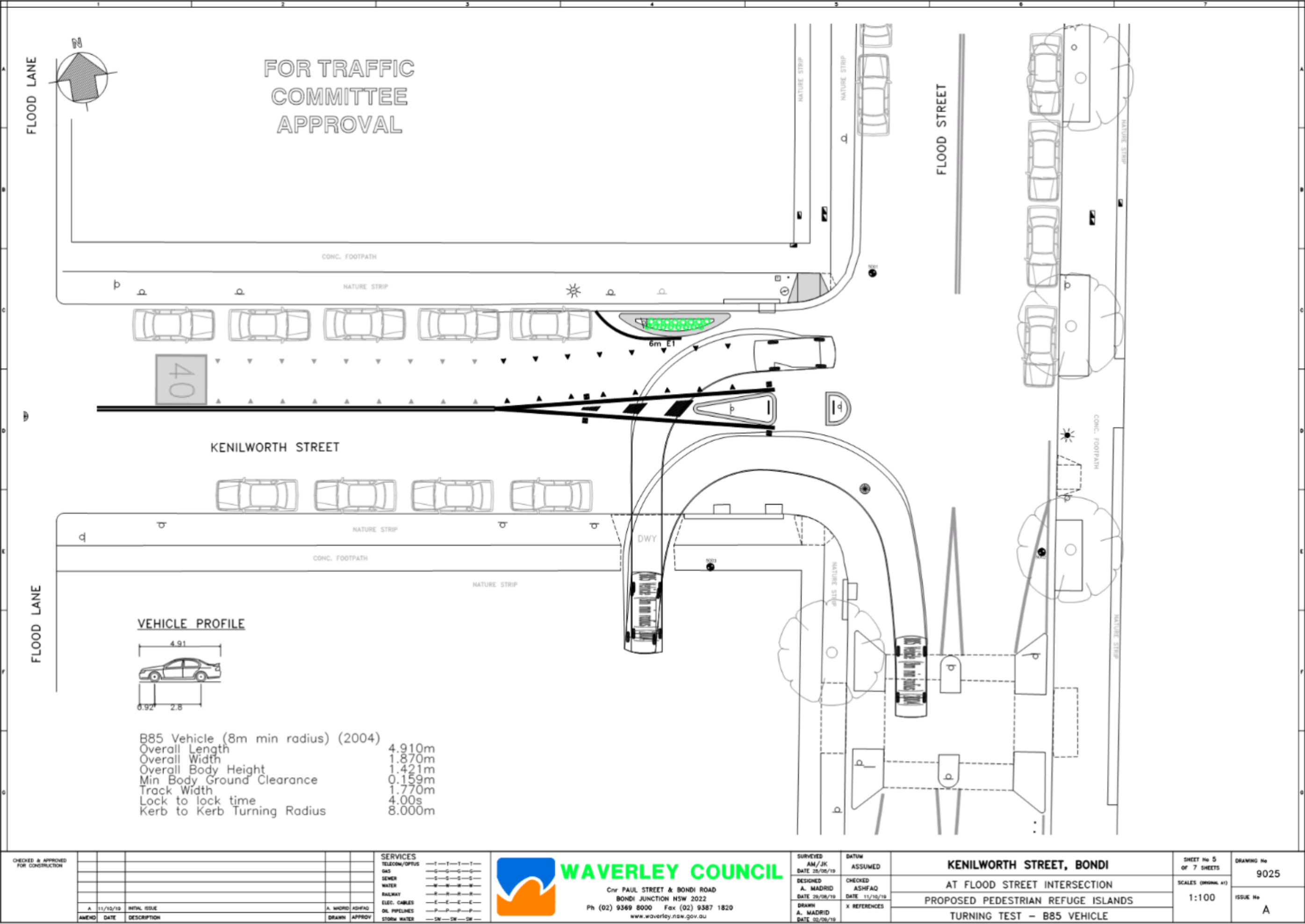
SHEET No 1 OF 7 SHEETS	DRAWING No 9025
SCALE(S) (ORIGINAL: A1)	ISSUE No A

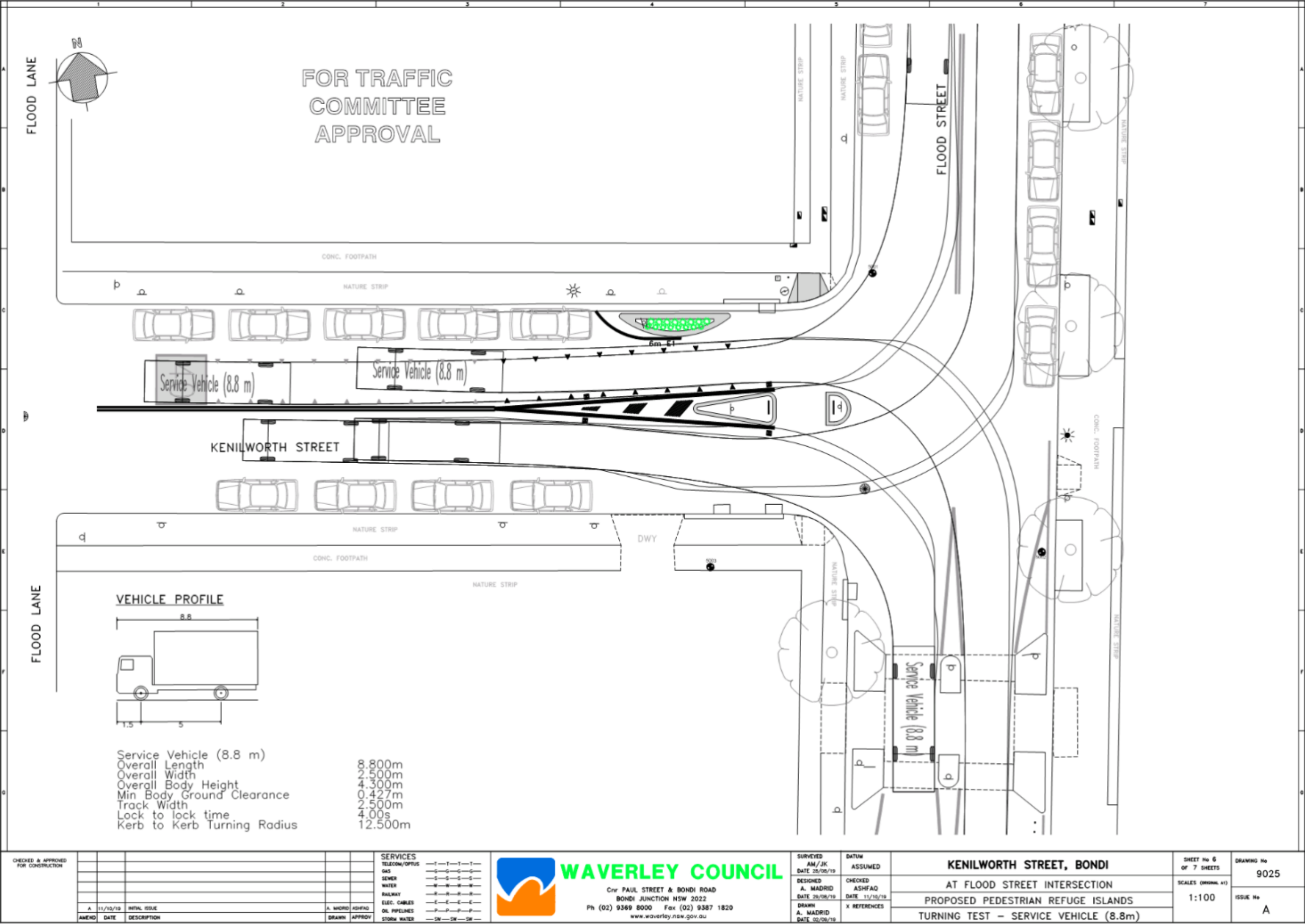


CHECKED & APPROVED FOR CONSTRUCTION				SERVICES				 <b>WAVERLEY COUNCIL</b> Cnr PAUL STREET & BONDI ROAD BONDI JUNCTION NSW 2022 Ph (02) 9369 8000 Fax (02) 9387 1820 www.waverley.nsw.gov.au	SURVEYED AM/JK DATE 25/08/19 DESIGNED A. MADRID DATE 26/08/19 DRAWN A. MADRID DATE 02/09/19	DATUM ASSUMED CHECKED ASHFAQ DATE 11/10/19 X REFERENCES	<b>KENILWORTH STREET, BONDI</b> AT FLOOD STREET INTERSECTION PROPOSED PEDESTRIAN REFUGE ISLANDS LAYOUT PLAN	SHEET No 2 OF 7 SHEETS SCALE: (ORIGINAL A1) 1:100	DRAWING No 9025 ISSUE No A
AMEND	DATE	DESCRIPTION	DRAWN	APPROV	TELECOM/OPUS	—T—T—T—T—							
					GAS	—G—G—G—G—							
					SEWER	—S—S—S—S—							
					WATER	—W—W—W—W—							
					RAILWAY	—R—R—R—R—							
					ELEC. CABLES	—E—E—E—E—							
					OIL PIPELINES	—P—P—P—P—							
					STORM WATER	—SW—SW—SW—							











**REPORT**  
**TC/CV.01/19.10**

**Subject:** Multiple Streets - P Disability Zones

**TRIM No:** A18/0719

**Author:** Hamoon Bahari, Professional Engineer

**Authoriser:** Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

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**COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Installs a 6.7 m long 'P Disability Only' zone outside 89 Ocean Street, Bondi.
2. Removes the existing 'P Disability Only' zone outside 14 Hewlett Street, Bronte.
3. Removes the existing 'P Disability Only' zone outside 383 Old South Head Road, North Bondi.
4. Removes the existing 'P Disability Only' zone outside 148 Hall Street, Bondi Beach.

**1. Executive Summary**

Council has received representations from residents requesting the installation of a 'P Disability Only' parking zone at:

- 89 Ocean Street, Bondi.

Council has been advised by residents that existing 'P Disability Only' zones are no longer required at:

- 14 Hewlett Street, Bronte.
- 383 Old South Head Road, North Bondi.
- 148 Hall Street, Bondi Beach.

**2. Introduction/Background**

The following guidelines have been adopted by the Waverley Traffic Committee for assessing applications for a mobility parking space on a residential street:

1. Together with proof of their mobility parking permit, applicants for a mobility parking space must have a vehicle registered to their address. They do not need to be the driver of the vehicle.
2. Applicants who have access to off-street parking will not be entitled to a mobility parking space.
3. At least three site visits will be carried out of a morning and evening for each application. These site visits will also be carried out annually. The level of parking within 50 metres either side of the property must be at or above 85% capacity on each separate occasion.
4. Letters will be sent to residents annually to determine if the mobility parking space is still required. Residents will also be requested to again provide proof of current registration and their mobility-

parking permit.

These guidelines are applied when an application is received for on-street disabled parking in residential areas.

Forms that are required by Council are:

- A copy of a current vehicle registration certificate with the address matching the residence. The owner of the vehicle can be another person who resides at the same address.
- A copy of a current mobility parking permit from NSW Roads and Maritime Services.
- Proof that the resident does not have access to an off-street parking space (disabled or otherwise). This could be a letter from the strata manager confirming that the residence does not have an allocated parking spot within the property.

### 3. Technical analysis

#### Disability parking spaces to be installed

*89 Ocean Street, Bondi*

<b>Address</b>	89 Ocean Street, Bondi
<b>Mobility Parking Permit</b>	Yes
<b>Off-street parking available</b>	No
<b>Length of zone</b>	6 m

A 6 m long disability space is recommended between a tree in the carriageway and other parked cars (see Figure 1).

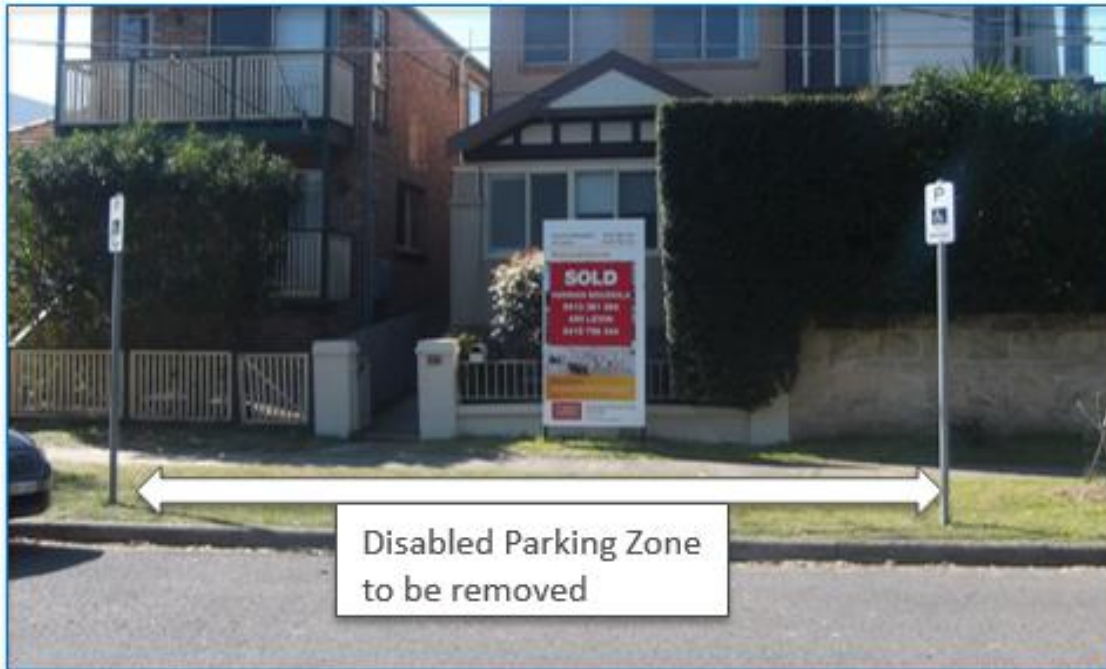


*Figure 1. Property without off-street parking at 89 Ocean Street, Bondi.*

**Disability parking spaces to be removed**

Council has been advised that the following spaces are no longer required by the original applicant.

1. 14 Hewlett Street, Bronte.
2. 383 Old South Head Road, North Bondi.
3. 148 Hall Street, Bondi Beach.



*Figure 2. Disabled zone to be removed at 14 Hewlett Street, Bronte.*



*Figure 3. Disabled zone to be removed at 383 Old South Head Road, North Bondi.*



*Figure 4. Disabled zone to be removed at 148 Hall Street, Bondi Beach.*

#### **4. Financial Information for Council's Consideration**

Council will supply and install the signs and remove existing signs with funds from existing budgets.

#### **5. Attachments**

Nil.