



W A V E R L E Y
C O U N C I L

W A V E R L E Y T R A F F I C C O M M I T T E E M E E T I N G

A meeting of the W A V E R L E Y T R A F F I C C O M M I T T E E will be held at Waverley Council Chambers,
Cnr Paul Street and Bondi Road, Bondi Junction at:

10.00AM, THURSDAY 25 AUGUST 2016

A handwritten signature in black ink that reads "Joannides". The signature is written in a cursive style with a large, prominent initial 'J'.

Dan Joannides
Executive Manager, Creating Waverley

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AGENDA

Apologies

Declarations of Interests

Adoption of previous Minutes by Council - 28 July 2016 5

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 28 July 2016 were adopted by Council at its meeting on 16 August 2016.

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.01/16.08 Trafalgar Street, Bronte - Installation of No Stopping Line (A03/0042-04)..... 13

COUNCIL OFFICER'S PROPOSAL:

That Council :

1. Installs 367 m of yellow No Stopping line on the southern side of Trafalgar Street commencing at the angle parking area to the west and terminating at the existing 'No Stopping'/'No Parking' sign on Calga Street 10 m from the intersection of Trafalgar Street.
2. Installs 20 m of yellow No Stopping line on the northern side of Trafalgar Street commencing 10 m from the intersection of Calga Street and concluding on Calga Street 10 m from the intersection of Trafalgar Street.
3. Removes the existing 'No Stopping' arrow left sign and post located on the southern side of Trafalgar Street before Calga Avenue.

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| TC/C.02/16.08 | Murray Street, Bronte - Construction Zone and Temporary Relocation of a Bus Zone (A02/0225-02) | 15 |
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COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 15 m of 'No Parking 7am–5pm Monday-Friday 8am–3pm Saturday Council Authorised Vehicles Excepted' on Murray Street, Bronte, adjacent to the frontage of 30A Murray Street.
2. Relocates bus stop No. 202453 27.6 m to the east and provides a 31.8 m bus zone, to a location adjacent to 38 Murray Street, as shown in Figure 2.

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| TC/C.03/16.08 | Denison Street, Bondi Junction (East Side - Oxford Street to Ebley Street) - Removal of Resident Parking Restrictions (A03/2581) | 18 |
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COUNCIL OFFICER'S PROPOSAL:

That :

1. Council removes the '1/2P Ticket 8am–12 noon, 2P Ticket 12noon–9pm Permit Holders Excepted Area 22' on the eastern side of Denison Street between Oxford Street and Ebley Street, Bondi Junction, and reinstates the '1/2P Ticket 8am–12 noon, 2P Ticket 12noon–9pm.'
2. Officers in the Customer First sub-program section notify affected businesses and residents of the above changes to parking restrictions and adjust the signs accordingly.

TC/V **STATE ELECTORATE OF VAUCLUSE**

Nil.

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

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| TC/CV.01/16.08 | Sculpture by the Sea 2016 - Special Event - Transport Management Plan (A02/0216)..... | 20 |
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COUNCIL OFFICER'S PROPOSAL:

That Council approves the traffic and transport arrangements for the Sculpture by the Sea 2016 Special Event as per the attached Transport Management Plan, subject to the following conditions:

1. Council shall:
 - (a) Forward the Transport Management Plan to the RMS for TfNSW approval of the temporary closures and implementation of one-way movements.
 - (b) Undertake the Traffic Control for the event.

- (c) Develop and implement a Communications Strategy, in conjunction with the Event Organiser, to notify the local residents of the changes to traffic conditions.
2. The Event Organiser shall:
- (a) Provide an Event Management Plan to Council's events team for approval at least 4 weeks prior to the event including public liability insurance for the event.
 - (b) Apply for cranes permit.
3. The Executive Manager, Creating Waverley, and the Executive Manager, Customer First, and their representative(s), are delegated authority to:
- (a) Inspect the TMP.
 - (b) Audit the implementation of the TMP.
 - (c) Cancel this approval, without notice or refund.

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

**TC/TEAC.01/16.08 Murray Street, Bronte - Adjustment to Kerbside Traffic Island
(A03/0042-04)..... 75**

COUNCIL OFFICER’S PROPOSAL:

That:

1. No objections be raised to the alteration to the shape of the existing kerb blister adjacent outside 30 Murray Street, Bronte, as shown in concept in the report to accommodate bus movements to STA bus stop No.202453.
2. Detailed drawings of the changes to the island and associated adjustments to line marking be referred back to a future meeting of the Traffic Committee.

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, 28 JULY 2016**



Voting Members Present:

| | |
|---------------|---|
| Cr T Kay | Waverley Council (Chair) |
| Sgt L Barrett | NSW Police – Traffic Services, Eastern Suburbs Local Area Command |
| Mr J Morrison | Representing Gabrielle Upton, MP, Member for Vaucluse and Bruce Notley-Smith, MP, Member for Coogee |
| Mr M Tita | Roads and Maritime Services – Traffic Management (South) |

Also Present:

| | |
|----------------|---|
| Cr B Mouroukas | Waverley Council (Alternate Chair) |
| Mr B Gidiss | Sydney Buses (Eastern Region) |
| Sgt N Rutgers | NSW Police – Traffic Services, Eastern Suburbs Local Area Command |
| Mr D Joannides | Waverley Council – Executive Manager, Creating Waverley |
| Mr G Garnsey | Waverley Council – Manager, Transport and Development |
| Mr K Wells | Waverley Council – Traffic Engineer |

At the commencement of proceedings at 10.06 am, those present were as listed above.

Apologies

Apologies were received and accepted from Mr B Morson of Roads and Maritime Services.

Declarations of Pecuniary and Non-Pecuniary Interests

The Chair called for declarations of interests and the following was received:

1. Cr T Kay declared a pecuniary interest in Item TC/TEAV.01//16.07, and informed the meeting that his parents-in-law own property in Beach Road adjacent to the Pacific Bondi Beach site. Cr Kay advised that he will leave the meeting for the discussion and vote on this item.

Adoption of previous Minutes by Council – 23 June 2016

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 23 June 2016 were adopted by Council at its meeting on 19 July 2016.

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.01/16.07 Bronte Road, Waverley – Relocation of Bus Zone (A02/0225-02)****COUNCIL OFFICER'S PROPOSAL:**

That Council relocates the bus zone on the eastern side of Bronte Road and reinstates the parking restrictions that were in place in 2014 and as shown in attachment 1.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted.

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

TC/C.02/16.07 Santa Marina Avenue, Waverley – Alteration to Timed Parking Restrictions (A03/2581)**COUNCIL OFFICER'S PROPOSAL:**

That Council alters the existing parking restrictions in Santa Marina Avenue to '1P 6am-10pm Permit Holders Excepted Area 25'.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted.

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

TC/C.03/16.07 O'Dowd Street, Waverley – 'No Parking' at Driveway (A02/0637-02)**COUNCIL OFFICER'S PROPOSAL:**

That Council Installs a 2.5 m long 'No Parking' zone adjacent to the northern side wing of the driveway at 15–17 O'Dowd Street, Waverley.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted.

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

TC/C.04/16.07 Arden Street at Macpherson Street, Waverley – Upgrading of Existing Pedestrian Refuge (A03/2061)**COUNCIL OFFICER'S PROPOSAL:**

That Council reconstructs the existing pedestrian refuge on Arden Street at the intersection of Macpherson Street in accordance with Drawing No. 8858 attached.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted subject to it reading as follows:

'That Council reconstructs the existing traffic island on Arden Street at the intersection of Macpherson Street in accordance with Drawing No.8858 attached to the report subject to the following amendments:

1. The northern separation island be increased in length from 1.5 m to 2.0 m, and the southern island be relocated accordingly.
2. "Keep Left" signs be reduced in height so they do not obscure children crossing.'

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

TC/C.05/16.07 Bon Accord Avenue, Bondi Junction – Road Closure (A02/0216)**COUNCIL OFFICER'S PROPOSAL:**

That Council approves the closure of Bon Accord Avenue, Bondi Junction, as per the Transport Management Plan (TMP) and Traffic Control Plan (TCP) attached to the report subject to the following conditions:

1. Closures are to take place only during the following periods:
 - Monday, 3 October 2016 8.30 am – 1.45 pm
 - Tuesday, 4 October 2016 8.30 am – 1.45 pm
 - Tuesday, 11 October 2016 4.45pm – 10.15 pm

- Wednesday, 12 October 2016 8.30 am – 9.00 pm
2. The Event Organiser shall:
 - Provide Public Liability Insurance for the event;
 - Obtain NSW Police approval; and
 - Cover all costs associated with Traffic Control.
 3. The Council shall:
 - Issue a Schedule of Conditions, with any additional conditions that may be placed by the NSW Police, Roads and Maritimes Services and the Executive Manager, Creating Waverley;
 - Submit a TMP to the RMS for approval of the TMC;
 - Notify the NSW Ambulance Service and NSW Fire & Rescue (Bondi, Woollahra & Randwick Fire Stations) seven days prior to the event;
 - Notify local residents and businesses seven days prior to the event; and
 - Only use RMS-accredited Traffic Controllers.
 4. The Executive Manager, Creating Waverley, and their representative(s) are delegated authority to:
 - Inspect the TMP;
 - Audit the implementation of the TMP; and
 - Cancel this approval, without notice or refund.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted subject to the addition of a clause 5 to read as follows:

'Unauthorised vehicles are not to be used to block the roadway.'

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

TC/C.06/16.07 Kenneth Street, Tamarama – Installation of 'P Disability Only' Zone (A02/0273-02)

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 3.2 m wide, 90° angled, 'P DISABILITY ONLY' parking zone outside 9 Kenneth Street, Waverley.
2. Reviews the 'P DISABILITY ONLY' zone on an annual basis.
3. Removes the zone when the approved off-street hardstand and associated driveway is constructed.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted.

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

TC/C.07/16.07 Fletcher Street, Sandridge Street and Alexander Street, Tamarama – Intersection Treatment (A03/0042-04)

COUNCIL OFFICER'S PROPOSAL:

That Council constructs traffic islands and associated linemarking on Fletcher Street, Tamarama, in accordance with Plan 8875 attached.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted.

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

TC/V STATE ELECTORATE OF VAUCLUSE

TC/V.01/16.07 Warners Avenue, Bondi Beach – Temporary Road Closure for Bike Week Event (A02/0216)

COUNCIL OFFICER'S PROPOSAL:

That Council:

- (a) Approves the temporary closure of a section of Warners Avenue, Bondi Beach, between Campbell Parade and Wairoa Avenue on Sunday 18 September 2016 between 8 am and 2 pm in accordance with the attached Traffic Control Plan subject to:
- Obtaining NSW Police approval;
 - Submitting the Transport Management Plan to the Roads and Maritime Services for the approval of the Traffic Management Centre;
 - Notifying the State Transit Authority, NSW Ambulance Service and NSW Fire & Rescue (Bondi, Woollahra & Randwick Fire Stations) seven (7) days prior to the event;
 - Notifying nearby local residents and businesses seven days prior to the event;
 - Using only RMS-accredited Traffic Controllers; and
 - Meeting the cost of traffic control.
- (b) Authorises this approval to be cancelled without notice and refund at the discretion of the Executive Manager, Creating Waverley, or his representative.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted subject to the following:

1. The addition of a dot point at clause (a) to read 'Water-filled barriers to be used at the intersection of Wairoa Avenue and Warners Avenue.'
2. Clause (b) be amended to read 'Authorises this approval to be cancelled without notice and refund to the RMS of any promotional funding at the discretion of the Executive Manager, Creating Waverley, or his representative'.

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

TC/V.02/16.07 Gould Lane, Bondi Beach – Temporary Closure for Tower Crane Installation (A02/0617-07)**COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Approves the temporary closure of Gould Lane between Hall Street and the rear of No. 146–150 Campbell Parade on Wednesday, 3 August 2016, with times to be determined, in accordance with Traffic Control Plan 16S1582000-03-01-P2 dated 15/7/2016 attached to the report prepared by GTA Consultants on behalf of Infinity Constructions.
2. Notes that due to the urgent nature of the temporary closure of Gould Lane, the approval is given in retrospect.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted subject to addition of the following wording at the end of Clause 1:

'Subject to the following conditions:

1. Travel to and from the site is to be via Bondi Road, and the use of Curlewis Street is not permitted.
2. Layover areas for trucks are not to be in the Waverley Local Government Area.
3. Should the layover area be on a State Road, approval from the Roads and Maritime Services must be provided.'

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

Representatives from Infinity Constructions Group and GTA Consultants addressed the meeting.

TC/V.03/16.07 Campbell Parade, Bondi Beach – Installation of a Part Time Bus Zone (A02/0225-02)**COUNCIL OFFICER'S PROPOSAL:**

That Council installs 17 m of 'Bus Zone; 6 am–8 am' between the existing 'No Stopping' zone on the eastern side of the driveway at the Bondi Beach Public School and the full time 'Bus Zone- STA buses only' zone to the east.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted subject to the operating times of the Bus Zone being amended from '6 am–8 am' to '6 am–8 am Mon–Fri'.

Voting members present for this item: Representative of the Member for Vaucluse, 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**TC/TEAV.01/16.07 Pacific Bondi Beach - Loading Dock and Public Parking Plans of Management (DA-619/2007)**

The Chair of the Committee, Cr T Kay, declared a pecuniary interest in this item and informed the meeting that his parents-in-law own property in Beach Road adjacent to the Pacific Bondi Beach site. Cr Kay relinquished the Chair and left the meeting for the discussion and vote on this item.

The Alternate Chair, Cr B Mouroukas, assumed the Chair for this item.

COUNCIL OFFICER'S PROPOSAL:

That the Committee:

1. Approves the 'Loading Dock Management Plan' Ver 1.0 dated 27 July 2015, excluding the 'Loading Dock Plan' drawing on page 25, which requires the approval of others, subject to:

- (i) A 'STOP' sign and barrier line being installed inside the site at the loading dock roller shutter.
 - (ii) Convex mirrors being installed inside the site at the loading dock roller shutter for drivers of vehicles exiting the dock area to have improved sighting of pedestrians walking in both directions on the beach Road footpath.
2. Approves the 'Public Parking Management Plan' dated 21 July 2015 prepared by Parking and Traffic Consultants subject to the following:
- (i) The GoGet car spaces being provided on the upper, B1 level of parking to allow for their access by residents and the public.
 - (ii) The GoGet car spaces not being in a tandem/stacked arrangement
 - (iii) There being no conversion of the four mobility parking spaces on B1 to spaces for the charging of electric vehicles. Conversion of any parking spaces to electric vehicle parking will only be considered by the Committee on submission of a section 96 application including evidence confirming the number and frequency of electric vehicles requiring charging on a daily basis.
 - (iv) There being no conversion of any mobility parking spaces to 'parents with prams' parking spaces.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be supported.

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

TC/TEACV ELECTORATES OF COOGEE AND VAUCLUSE

Nil.

THE MEETING CLOSED AT 11.20 AM.

.....
SIGNED AND CONFIRMED
MAYOR
16 AUGUST 2016

REPORT



WAVERLEY
COUNCIL

Subject: Trafalgar Street, Bronte – Installation of No Stopping Line

TRIM No.: A03/0042-04

Author: Kyle Wells, Traffic Engineer

Director: Emily Scott, Director, Waverley Renewal

COUNCIL OFFICER'S PROPOSAL:

That Council :

1. Installs 367 m of yellow No Stopping line on the southern side of Trafalgar Street commencing at the angle parking area to the west and terminating at the existing 'No Stopping'/'No Parking' sign on Calga Street 10 m from the intersection of Trafalgar Street.
2. Installs 20 m of yellow No Stopping line on the northern side of Trafalgar Street commencing 10 m from the intersection of Calga Street and concluding on Calga Street 10 m from the intersection of Trafalgar Street.
3. Removes the existing 'No Stopping' arrow left sign and post located on the southern side of Trafalgar Street before Calga Avenue.

1. Executive Summary

Council has received numerous complaints regarding vehicles parking on the roadway on the non, kerb and guttered, southern side of Trafalgar Street adjacent to Waverley Cemetery. In order to reduce the incidence of illegal parking, it is proposed to install a yellow painted edge line to effect No Stopping. Council will need to exercise its delegated functions to implement the proposal.

2. Introduction/Background

Due to its proximity to Bronte Beach and Calga Reserve, Trafalgar Street is frequently used as a de facto parking area. The parking on Trafalgar Street occurs both behind/off to the side of the carriageway within the road reserve area and on street parallel to the road alignment.

3. Technical Analysis

Trafalgar Street is a local road within the road hierarchy and has a carriageway width of 6.4 m. Parking is permitted on the northern (residential) side of the street. When vehicles park illegally on the southern side, it reduces the effective width of the carriageway to 2.2 m. This is insufficient for a fire truck which is 2.5 m wide.

This parking is made illegal as vehicles are effectively parking within 3m of another vehicle, obstructing the through access.

This proposal is intended to prevent vehicles from parking parallel on the carriageway. Council is currently investigating options to discourage/prevent parking on the grassed road reserve area between the carriageway and the Waverley Cemetery northern boundary fence.



Figure 1. Site plan showing proposed linemarking on Trafalgar Street and Calga Street, Bronte

Guidelines used:

- *Transport Administration Act 1988*
- *RMS's Delegation to Councils; Regulation of Traffic*

4. Financial Information for Council's Consideration

Council will meet the cost of linemarking from existing budgets.

5. Attachments

Nil.

REPORT
TC/C.02/16.08

Subject: Murray Street, Bronte - Construction Zone and Temporary Relocation of a Bus Zone

TRIM No.: A02/0225-02

Author: Kyle Wells, Traffic Engineer

Director: Emily Scott, Director, Waverley Renewal

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 15 m of 'No Parking 7am–5pm Monday-Friday 8am–3pm Saturday Council Authorised Vehicles Excepted' on Murray Street, Bronte, adjacent to the frontage of 30A Murray Street.
2. Relocates bus stop No. 202453 27.6 m to the east and provides a 31.8 m bus zone, to a location adjacent to 38 Murray Street, as shown in Figure 2.

1. Executive Summary

This report is for the Committee to consider the installation of a works/construction zone adjacent to 30A Murray Street, Bronte, and for the temporary relocation of a bus zone required to make way for the installation of the works /construction zone. Council will be required to exercise its delegated function to implement the proposal.

2. Introduction/Background

To provide construction vehicle access to 30A Murray Street, and limit parking in the vicinity, a works/construction zone will be required. The installation of the construction zone will require the temporary relocation of the bus zone which currently utilises the proposed works/construction zone area.

The bus zone at 30A Murray Street is the closest available stop to the Sydney Clinic Private Hospital at 22-24 Murray Street to the west and is regularly used. With the bus zone positioned at the bottom of a gully, access to the nearest bus stops requires an uphill walk of 150 m to the east or 216 m to the west. Given the high usage of the stop and the surrounding topography, it is considered the bus stop needs to remain in operation and be close by.

3. Technical Analysis

The location specified has a straight alignment and relatively gentle slope (5.7%) immediately adjacent to the existing bus service. Given the primarily residential nature of Murray Street, it is not possible to relocate this stop without positioning it adjacent to a residential property.



Figure 1. Existing Bus Zone in vicinity of 30A Murray Street, Bronte.

This relocation of the bus zone proposed to the east will result in the loss of 5 unrestricted on street parking spaces for the duration of the construction activity. The works at 30A Murray Street on the Murray Street frontage are relatively minor in nature with the construction only of a double garage and driveway and will very likely be completed within the 13 weeks allocated for the construction zone.

4. Financial Information for Council's Consideration

| | |
|---------------------------------------|---|
| Applicant | Ben Doyle |
| Development Application | DA-576/2014 |
| Works | Alterations and additions to existing structure and construction of new property (subdivision) on the Palmerston Road frontage. |
| Approved Hours of Construction | 7am-5pm Mon-Fri 8am-3pm Sat |
| Frontage Length | 15 m |
| Road | Murray Street |
| Existing Parking | unrestricted |
| Requested Length | *Required as a condition of Construction Vehicle and Pedestrian Plan of Management. |
| Proposed Length | 15m |
| Duration | 13 weeks |
| Beginning | TBD |
| Fee Area | Residential, without metered parking |

Table 1. 30A Murray Street

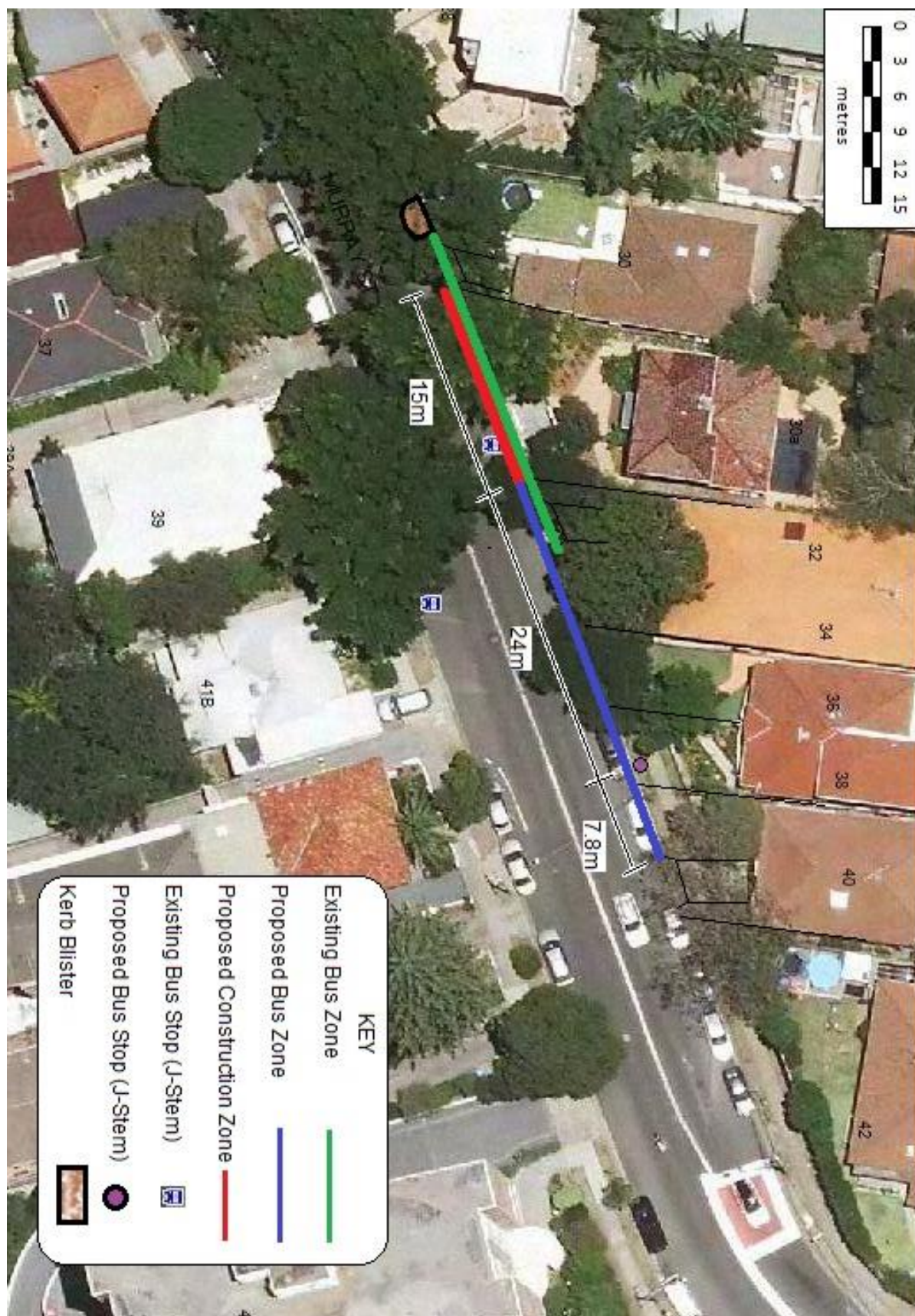


Figure 2. Proposed Construction Zone and relocation of bus zone

5. Attachments

Nil.

REPORT
TC/C.03/16.08

Subject: Denison Street, Bondi Junction (East Side - Oxford Street to Ebley Street) - Removal of Resident Parking Restrictions

TRIM No.: A03/2581

Author: Sam Samadian, Professional Engineer

Director: Emily Scott, Director, Waverley Renewal

COUNCIL OFFICER'S PROPOSAL:

That :

1. Council removes the '1/2P Ticket 8am–12 noon, 2P Ticket 12noon–9pm Permit Holders Excepted Area 22' on the eastern side of Denison Street between Oxford Street and Ebley Street, Bondi Junction, and reinstates the '1/2P Ticket 8am–12 noon, 2P Ticket 12noon–9pm.'
2. Officers in the Customer First sub-program section notify affected businesses and residents of the above changes to parking restrictions and adjust the signs accordingly.

1. Executive Summary

Complaints have been received at Council from business operators informing of a reduction in parking availability for their customers and others on the eastern side of Denison Street between Oxford Street and Ebley Street following changes to parking restrictions allowing residents with parking permits to park unrestricted. The purpose of the report is to seek approval to the removal of the resident parking exemptions in place on the above section of roadway. Council will need to exercise its delegated functions to implement the proposal.

2. Introduction/Background

Changes were made to parking restrictions in Denison Street on the eastern side between Oxford Street and Ebley Street in May 2015 following a review of the operation of parking meters in Bondi junction area. Following the review, resident parking restrictions were introduced directly outside the commercial zoned premises. Business operators are advising parking for their customers and others is now very difficult with there being a high demand for parking and reduced turnover in the general vicinity.

3. Technical Analysis

Inspections and surveys of on-street parking have revealed that a significant proportion of vehicles parked on the above section of roadway are vehicles displaying resident parking permits with many of them parked for extended periods. The inspections also revealed that at the busy morning and evening peaks times, there was a high demand for street parking with drivers double parking and parking in "No Stopping" zones. Council in the past has not supported the introduction of resident parking outside commercial premises in the Bondi Junction area so as to provide a balance of parking supply. Since introducing resident

parking to the eastern side of Denison Street, the supply of parking for the customers of business has reduced. It is considered the resident parking restrictions should be removed for the following reasons:

- To reinstate the quantum of parking for business related vehicles that was in place prior to introduction of resident parking.
- It sets an undesirable precedent which may result in residents requesting other streets in the Bondi Junction CBD area be provided with similar parking.

4. Financial Information for Council's Consideration

If changes to signs and/or linemarking are approved, Council will supply and install the signs and/or linemarking, to be funded from existing budgets.

5. Attachments

Nil.

REPORT
TC/CV.01/16.08

Subject: Sculpture by the Sea 2016 - Special Event - Transport Management Plan

TRIM No.: A02/0216

Author: Sam Samadian, Professional Engineer

Director: Emily Scott, Director, Waverley Renewal

COUNCIL OFFICER'S PROPOSAL:

That Council approves the traffic and transport arrangements for the Sculpture by the Sea 2016 Special Event as per the attached Transport Management Plan, subject to the following conditions:

1. Council shall:
 - (a) Forward the Transport Management Plan to the RMS for TfNSW approval of the temporary closures and implementation of one-way movements.
 - (b) Undertake the Traffic Control for the event.
 - (c) Develop and implement a Communications Strategy, in conjunction with the Event Organiser, to notify the local residents of the changes to traffic conditions.
2. The Event Organiser shall:
 - (a) Provide an Event Management Plan to Council's events team for approval at least 4 weeks prior to the event including public liability insurance for the event.
 - (b) Apply for cranes permit.
3. The Executive Manager, Creating Waverley, and the Executive Manager, Customer First, and their representative(s), are delegated authority to:
 - (a) Inspect the TMP.
 - (b) Audit the implementation of the TMP.
 - (c) Cancel this approval, without notice or refund.

1. Executive Summary

Sculpture by the Sea 2016, now in its 20th year, is a free sculpture exhibition held between Marks Park and Tamarama Park along the Coastal Walk. The exhibition is planned to be held between Thursday, 20 October and Sunday, 6 November 2016. The event is mounted by the not-for-profit Sculpture by the Sea (referred to in this report as the Event Organiser). To manage the impact of the event on local roads and resident amenity, Council implements the Traffic Management Plan submitted for approval. This report

details the traffic management aspects of the event. Council will need to exercise its delegated functions to implement the proposal.

2. Introduction/Background

Council's Creating Waverley Division has developed the attached Transport Management Plan (TMP) in consultation with the Event Organiser and Council's Outdoor and Flagship Events Team. In line with the 2015 event, Council will engage a contractor to implement the TMP.

Last year after many meetings and consultations, stakeholders agreed and implement further strategies to manage safety and resident issues being experienced in Bronte Marine Drive around Tamarama Park which involved:

1. The creation of a dedicated zone on Campbell Parade for private coaches and chartered buses, associated communications plan and signage as shown in *Figure 1* attached to the report,
2. The Event Organisers splitting their education program sites between Tamarama Park and Marks Part to alleviate the pressure of school buses/coaches requiring drop off and pick up access to Tamarama Park.

After the 2015 exhibition, stakeholders agreed that these additional strategies to manage coach and bus access in and around Marks and Tamarama Park had worked well despite the occasional 'rogue' private bus operators doing the wrong thing and parking in Tamarama Marine Drive. The event organisers had however received feedback from some schools catering for young children attending the 2 Programs held in Tamarama Park (1 in morning, 1 in afternoon) held to cater to this age group. They felt that the walk to and from the designated Campbell Parade drop-off/pick-up area was too much for this age group.

It was also noted that one way couplet at the intersection of Gaerloch Avenue and Dellview Street, implemented for the last 3 years, had been working well with no reported incidents. To be in this change, this couplet was manned by approved traffic controllers at weekends. Stakeholders agreed that there was no further need for this one way couplet at the Gaerloch Avenue/Dellview Street intersection but would continue at the Fletcher Street/Dellview Street end.

2016 TMP Changes to address 2015 feedback

The following changes have been made to the 2015 approved TMP (highlighted in the attached TMP).

Pacific Avenue

The creation of a 'No parking Authorised Vehicles Excepted' between 9.30am and 5.30pm on the western side as shown in *Figure 2* attached to the report.

Council will provide the Event Organiser with the following permits for use on Pacific Avenue.

1. 2 weekday permits for use Monday to Fridays during the exhibition period.
This allows for a maximum of 1 school chartered buses/coaches to park in this zone at any one time for drop up and pick up. The Event Organiser will be responsible for meeting the registered chartered school buses/coach groups and issuing the permit to the vehicle driver for display whilst they are standing in the area.
2. 5 x weekend permits valid for each exhibition weekend for use by Hyundai courtesy vehicles. This replaces the zone previously provided in Tamarama Marine Drive south of Sydney Buses Bus Stop

One way couplet- Gaerloch Avenue

Approved traffic controllers will be in place at the Fletcher Street/Dellview Street intersection as in previous years, but not at the Gaerloch Avenue/Dellview Street intersection.

Road Closure- Resident Access Only – Trial

Council will trial a closure of the following roads, with signs only between 7.30am-6.30pm for the duration of the event with local resident access only:

- Birrell Street, east of Tamarama Street, and
- Darling Street, east of Alfred Street.

Trial of One-Way – Turner Street – Trial

Council will trial a one-way westbound direction in Turner Street for the duration of the event.

The NSW Police Force has previously indicated that this is a Class 2 Special Event, with road closures, under the RMS's *Guide to Traffic and Transport Management for Special Events*. The Traffic Committee is required to make recommendations to Council regarding the traffic management aspects of the event, advising Council on conditions to set for the use of road space.

TfNSW will need to approve temporary closures and one-way movements and the Transport Management Plan will be forwarded to the RMS for their consideration. Once all approvals and conditions have been met, staff from the RMS and Council's Executive Manager, Creating Waverley can sign the Traffic Management Plan to authorise implementation.

3. Technical Analysis

A copy of the Transport Management Plan has been attached.

Guidelines used:

- *Transport Administration Act 1988*
- *RMS's Delegation to Councils; Regulation of Traffic*
- *RMS's Signs Database*
- *RMS's Permit Parking*
- *[NSW] Road Rules 2014*
- *Australian Standard AS 1742.3*
- *RMS's Traffic Control at Work Sites*

RMS's Guide to Traffic and Transport Management for Special Events

4. Financial Information for Council's Consideration

Sculpture by the Sea is funded through sponsorship, government grants, philanthropy donations, commission from the sale of sculptures, brochure sales and visitor donations. Council is a major sponsor and recognised as a 'Significant Partner' of the event, through the services and funding provided, including the provision of:

- the venue at no charge,
- additional waste collections,
- parking facilities,
- park restoration,
- electricity,

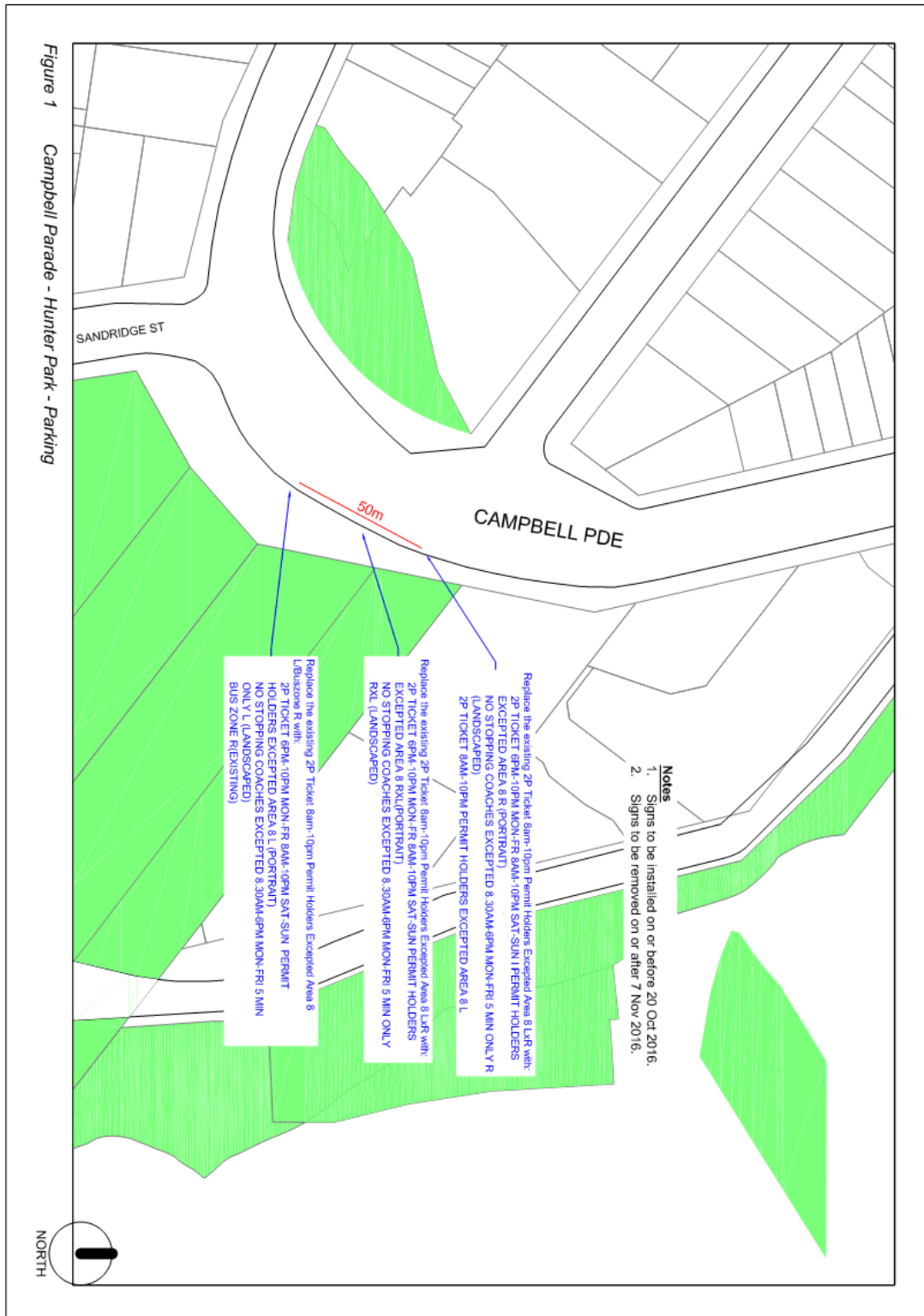
- additional Ranger and Parks staff hours,
- other Council officer's time
- an annual community grant

All of these costs are absorbed by existing budgets of relevant Divisions, at the expense of competing demands.

It is intended that the cost of providing traffic control for the event will be funded by Council from existing budgets. It is intended that the cost of providing traffic control for the bump-in and bump-out will be recovered from the Event Organiser.

5. Attachments

1. Campbell Pde - Hunter Park - Sculpture by the Sea - Figure 1
2. Bronte Marine Drive -Sculptur by the Sea - Figure 2
3. Sculpture by the Sea 2016 - Transport Management Plan - Ver 2



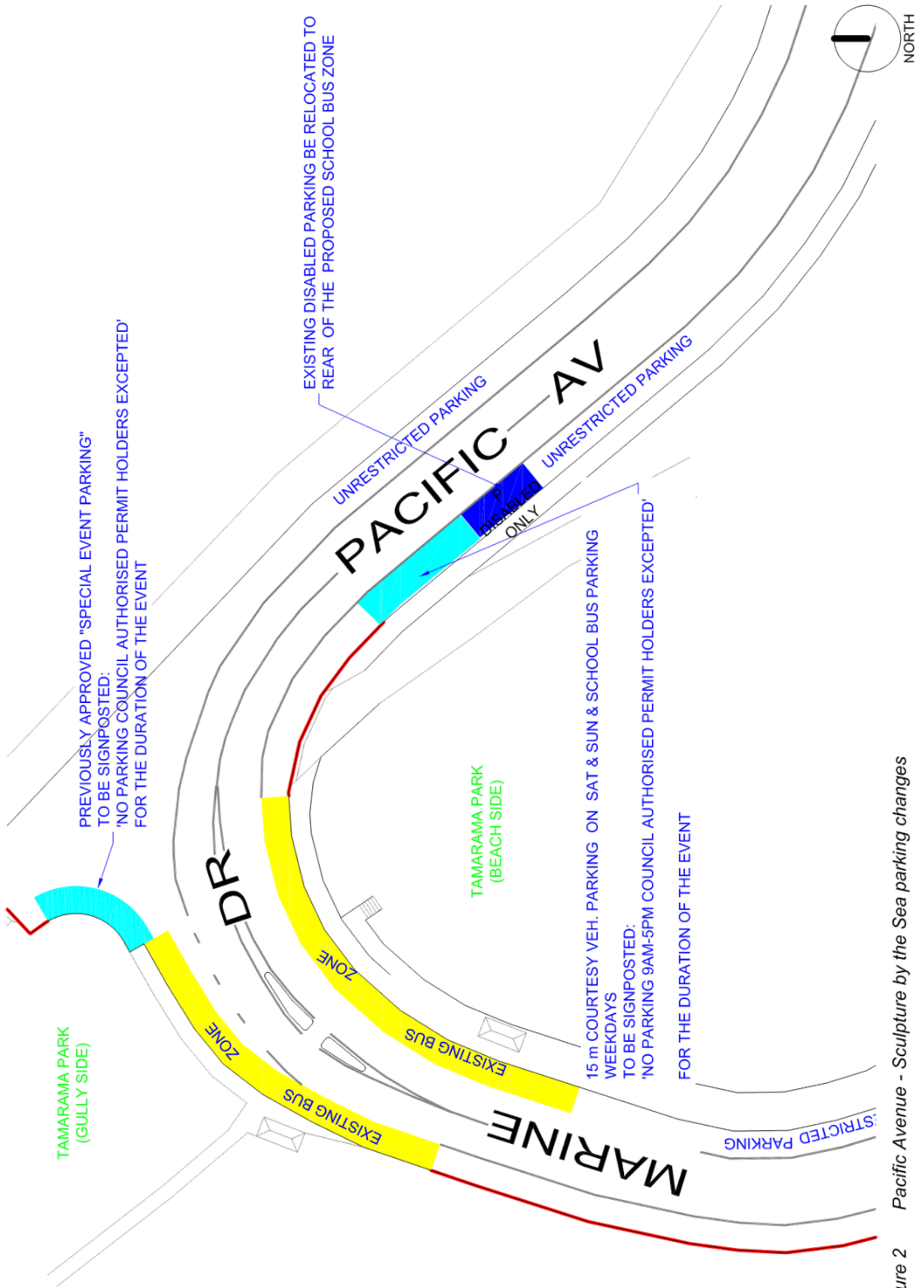


Figure 2 Pacific Avenue - Sculpture by the Sea parking changes

Sculpture by the Sea 2016

**Draft Transport Management Plan
Prepared by Creating Waverley
Waverley Council**

INTRODUCTION

Sculpture by the Sea (referred to as the Event), now in its 20th year, is a free outdoor sculpture exhibition along Waverley's Coastal Walk between Marks Park and Tamarama Park. This year the event will be held from 20 October to 6 November 2016. The event is organised by the not-for-profit entity Sculpture by the Sea (referred to as the Event Organiser).

This *Transport Management Plan (TMP)* is prepared by Waverley Council (referred to as Council) to manage the impact of the Sculpture by the Sea event on local roads, resident amenity and pedestrian safety. It has been prepared by Waverley Council's Professional Engineer, Mr Sam Samadian, in consultation with Council's Outdoor and Flagship Events Unit.

Any changes made to the approved 2015 TMP resulting from feedback from all stakeholders including Sydney Buses and RMS have been highlighted in yellow in the document.

This *TMP* will remain in Draft format, until it has been approved by Council. Any conditions placed on this *TMP* by Council will be incorporated in the Final version.

Waverley Council will engage a contractor to undertake the traffic management of The Event.

Objectives

The objectives of this *TMP* are to:

- comply with requirements of Occupational Health & Safety Act 2000,
- manage reduced capacity of local road system
- minimise traffic impact on non-event community & emergency services

Scope

This *TMP* covers the traffic and transport requirements of The Event, including:

| | |
|----------------------------|---------------------------------|
| Marks Park bump-in | 10 October to 19 October 2016, |
| Tamarama Park bump-in | 17 October to 19 October 2016, |
| Coastal Walk bump-in | 12 October to 19 October 2016, |
| Sculpture by the Sea event | 20 October to 6 November 2016, |
| Marks Park bump-out | 7 November to 11 November 2016, |
| Tamarama Park bump-out | 7 November to 11 November 2016, |
| Coastal Walk bump-out | 7 November to 11 November 2016. |

Any further traffic management measures will need to be provided by The Event Organiser. This includes, but is not limited to, traffic control for crane lifts associated with the bump-in / bump-out periods. Additional approvals will be required.

ADMINISTRATION

Approvals

Waverley Traffic Committee

The Local Area Traffic Committee is required to make recommendations to Council regarding the traffic management aspects of The Event, advising Council on conditions to set for the use of road space.

Waverley Council

Council will consider the recommendations of the Traffic Committee and assess all other impacts on the surrounding environment before issuing a Schedule of Conditions. It is anticipated that this *TMP* and the committee's recommendations will be considered by Council at the same meeting that it considers all other aspects of The Event.

Separate approval is required from Council's Divisional Manager Technical Services for additional traffic control. The use of cranes will require additional permits.

Transport Management Centre (TMC)

This is classified as a Type 2 Special Event, in accordance with the RMS's *Guide to Traffic and Transport Management for Special Events*.

The TMC will need to approve the temporary traffic changes. This *TMP*, together with the RMS's standard *TMP*, will be forwarded for their consideration. Once all approvals have been received and all conditions have been met, Council's Executive Manager, Creating Waverley can issue a signed copy of this *TMP* for implementation.

The event organiser in conjunction with Sydney Buses are to discuss the implementation of clearways on weekends along Bondi Road with the TMC.

Gazetted Speed Limits will not be changed for this event.

NSW Police Force

This *TMP* has been provided to the Eastern Suburbs Local Area Command, as part of the membership to the Local Area Traffic Committee.

The Event Organiser is required to obtain Police approval to hold the event.

Notifications

Event notifications, prepared in consultation with Council's Communications Team and the Event Organiser, will be distributed via a letter-box drop in the weeks leading up to the Event. Copies of the residents' notification letters and their distribution maps have been provided in *Appendix 1*.

Sydney Buses, Local Fire Brigades (Randwick, Woollahra & Bondi Fire Stations) and NSW Ambulance Service are to be notified with a copy of this *TMP* via fax before 1 October 2016.

BUMP IN AND OUT HEAVEY VEHICLE ACCESS AND EGRESS ROUTES

Drivers of Heavy Vehicles are to be instructed by the Event Organiser to travel to and from their relevant event delivery/pick up destination via the following routes.

| Destination | Route |
|----------------|---|
| Notts Avenue | Access: Syd Einfeld Drive, Bondi Road, Campbell Parade, Notts Avenue. Access and egress to be in a forward direction (turning at the southern end of Notts Avenue). Egress: Notts Avenue, Campbell Parade, Bondi Road, Syd Einfeld Drive. |
| Marks Park | Access: Syd Einfeld Drive, Bondi Road, Denham Street, Fletcher Street, Alexander Street, Kenneth Street. Access and egress to be in a forward direction Egress: , Kenneth Street, Alexander Street, Fletcher Street, Denham Street, Bondi Road, Syd Einfeld Drive. |
| Pacific Avenue | Access: Syd Einfeld Drive, Bondi Road, Denham Street, Fletcher Street, Alexander Street, Gaerloch Avenue, Dellview Street, Pacific Avenue. Trucks will parallel park on the southern side of Pacific Avenue, in the direction of travel. Egress: Pacific Avenue, Tamarama Marine Drive, Hewlett Street, Alfred Street, Birrell Street, Bennett Street, Bondi Road, Syd Einfeld Drive. |
| Tamarama Park | Access: Syd Einfeld Drive, Bondi Road, Council Street, Birrell Street, Alfred Street, Hewlett Street, Tamarama Marine Drive. Access to and egress from the park be in a forward direction Egress: Tamarama Marine Drive, Hewlett Street, Alfred Street, Birrell Street, Bennett Street, Bondi Road, Syd Einfeld Drive. |

TRAFFIC CONTROL

Bump-In period (10 October to 19 October)

Tamarama Park

RMS-accredited Traffic Controllers will control traffic in Tamarama Marine Drive and Pacific Avenue, for trucks to cross into Tamarama Park.

Any additional traffic control requirements are to be provided by The Event Organiser and will require separate permits and approval by the Executive Manager Creating Waverley. This includes, but is not limited to, traffic control for crane lifts.

Event period (20 October to 6 November)

Road Closures

The table below details proposed road closures

| MANNED ROAD CLOSURES | | | |
|---|-----------------------------|------------------|---|
| <ul style="list-style-type: none"> Manned by accredited RMS Traffic Controllers Easily identified "Special Event Permits" available to residents on application | | | |
| Road/Street | 20 October -6 November 2016 | | Notes |
| | Days | Times | |
| Notts Avenue | 7 days per week | 7.30am to 6.30pm | Access available to local resident, Bondi Iceberg patrons, taxis and emergency vehicles |
| Fletcher Street Kenneth Street | Thursdays to Sundays | 7.30am to 6.30pm | Access available to local residents, emergency vehicles and permitted Sculpture by the Sea vehicles |
| UN MANNED ROAD CLOSURES | | | |
| <ul style="list-style-type: none"> Unmanned Road Closures with signage and barricades in place | | | |
| Road/Street | 20 October -6 November 2016 | | Notes |
| Bayview Street | 7 days per week | 7.30am to 6.30pm | Sign: Road Closed - Local Residents Access Only |
| Wolaroi Crescent | | | |
| Silva Street | | | |
| Carlisle Street | | | |
| Birrell Street | | | |
| Darling Street | | | |
| Fletcher & Kenneth St | Mondays to Wednesdays | 7.30am to 6.30pm | Road Closed - Local Residents Access Only |

One Way Couplets

To minimise the impact of additional congestion and improve traffic flow for public transport services, the following one way couplets will be put in place:

The one-way signs will be installed by Council's Clean and Attractive Division. These signs will remain covered until the one-way begins to operate at 9am on Thursday, 20 October 2016, when they will be unveiled by RMS-accredited Traffic Controllers.

Gaerloch Avenue and Dellview Street

Gaerloch Avenue will be signposted one-way southbound and Dellview Street will be signposted one-way northbound during the following period:

10am Thursday, 20 October to 10am, Monday 7 November 2016

RMS-accredited Traffic Controllers will install water-filled barriers in Dellview Street, at Gaerloch Avenue, and Fletcher Street, to create partial road closures and reinforce the one-way operation. Additional water-filled barriers will be installed to help prevent illegal parking and improve flow for public transport services in the 'No Stopping' zones located in:

Gaerloch Avenue, on the inside of the bend at 22 Gaerloch Avenue,
Dellview Street, on the inside of the bend at 28 Dellview Street, and
Dellview Street, on the inside of the bend at 17 Dellview Street.

RMS-accredited Traffic Controllers will be located in Dellview Street, at Fletcher Street, during the following periods:

10am to 6.30pm, Thursday, 20 October 2016,
7.30am to 6.30pm, Friday, 21 October to Sunday 23 October 2016,
7.30am to 6.30pm, Saturday 29 October to Sunday, 30 October 2016, and
7.30am to 6.30pm, Saturday, 5 November to Sunday, 6 November 2016.

Mirimar Avenue, Ashley Street, Thompson Streets and Turner Street

Mirimar Avenue will be signposted one-way northbound, Thompson Street and Turner Street will be signposted one-way westbound to minimise the impact of additional congestion during the following period:

9am Thursday, 20 October to 10am Monday 7 November 2016

RMS-accredited Traffic Controllers will install water-filled barriers in Darling Street and Ashley Street to reinforce the one-way operation. Additional water-filled barriers will be installed to help prevent illegal parking and improve flow for public transport services in the 'No Stopping' zones located in Mirimar Avenue, at Thompson Street.

An RMS-accredited Traffic Controller will be located in Darling Street, at Ashley Street, during the following periods:

10am to 6.30pm, Thursday 20th October 2016

7.30am to 6.30pm, Friday 21 October to Sunday 23 October 2016, and

7.30am to 6.30pm, Saturday 29 October to Sunday, 30 October 2016, and

7.30am to 6.30pm, Saturday, 5 November to Sunday, 6 November 2016.

Bump-Out

Tamarama Park

RMS-accredited Traffic Controllers will control traffic in Tamarama Marine Drive and Pacific Avenue, for trucks to cross into Tamarama Park.

Extraordinary Traffic Control

Any additional traffic control will need to be provided by The Event Organiser and this will require separate permits and approval by the Divisional Manager Technical Services. This includes, but is not limited to, traffic control for crane lifts.

Traffic Control Plans

Traffic Control Plans will be prepared, in accordance with Australian Standard *AS1742.3 MUTCD: Part 3 – Traffic Control at Work Sites* and the RMS's *Traffic Control at Work Sites* manual, by Council officers once Council has approved this *TMP*.

Council will engage a contractor to implement the Traffic Control Plans in the manner outlined in *Appendix 3*.

PARKING

To assist the Event Organiser with the organisation required to stage the event whilst minimising the impact on local residents, limited parking passes will be provided in designated areas and additional temporary permit/coach areas parking zones will be created as detailed below.

Parking Permits

The Event Organiser will be provided with a range of Council authorised parking permits over the exhibition period, in order to provide parking for:

- Set up and de rig crew (including artists)
- Staff and Volunteers,
- VIPs and Media Personnel.

The permits will be clearly identify as Council issued permits for the purpose of the Exhibition and will have the date(s) and specific areas the permit is valid.

Council will provide all permits to the Event Organiser prior to bump-in of the event. The Event Organiser will be responsible for the management of distributing:

- Day only permits – Valid for the day as indicated on the permit and able to be transferred to different vehicles as required during the applicable permit's date. No vehicle registration included.
- Council permitted vehicle permits with relevant vehicle registration number and valid for dates stated on permit. Registration included on permit.

Any additional exhibition-related vehicles requiring parking will need to utilise the existing on-street parking in the area.

Any vehicle parked in Council's reserves without a permit and/or contrary to the [NSW] *Road Rules 2008* will be infringed by Council's Parking Services Division.

The table below details the number of parking permits to be issued or each area:

| Permit valid area | Bump-in period 10-20 October | Exhibition Period 20Oct – 6 Nov | Bump out period 7 Nov -11 Nov |
|--|---------------------------------|---|--|
| Marks Park | 20 day only permits | 5 x permits | 20 transferable permits |
| Tamarama Gully | 20 transferable daily passes | 20 x daily permits | 20 spaces provided. 20 transferable daily passes |
| Notts Ave (North side west of turning circle | 1 transferable permit | 5 x Council permitted vehicle permit valid for weekend use only by Hyundai courtesy vehicles. | 1 transferable permit – Permit Holders excepted zone |
| Notts Avenue Fletcher St, Kenneth St, Marks Lane | n/a | 10 Day Only permits for each day of the exhibition | n/a |
| Pacific Avenue | n/a | 2 daily permits for use by chartered school buses/coaches. | n/a |
| | n/a | 5 x Council permitted vehicle permit valid for weekend use only by Hyundai courtesy vehicles. | n/a |

Temporary 'No Parking Authorised Vehicles Excepted' areas

| | Bump-in period 10-20 October | Exhibition Period 20Oct – 6 Nov | Bump out period 7 Nov] -11 Nov |
|--|---|---|---|
| Notts Ave (North side west of turning circle) 2 spaces | 2 space 'No Parking 10am-5pm Council Authorised Vehicles Excepted" | 2 space 'No Parking 10am-5pm Council Authorised Vehicles Excepted" | 2 space 'No Parking 10am-5pm Council Authorised Vehicles Excepted" |
| Marks Lane – East 1 car space | n/a | 'No Parking Authorised Vehicles Excepted' | n/a |
| Pacific Avenue – 15m section western side, south of existing mobility parking | n/a | No Parking Authorised Vehicles Excepted 9.30am-5.30pm | n/a |
| Campbell Parade 50 metres long on the eastern side of Campbell Parade adjacent to Hunter Park | n/a | 8.30am- 6.00pm Weekdays Only Coach and bus zone | n/a |

SPECTATORS

It is estimated that up to 500,000 spectators will attend the Event. While a significant number of these are expected on weekends, a large number of school and private tour groups are expected during weekdays.

Other than the provision of increased Sydney Bus services, and designated private/coach bus temporary designated drop off/pick zones, no additional transport arrangements will be made for event goers to and from the Event. It is anticipated that on-street parking will be difficult, especially on weekends.

Public Transport

Public Transport will be heavily promoted in the lead up and during The Event, through:

Council's website www.waverley.nsw.gov.au,

Sculpture by the Sea website www.sculpturebythesea.com, and

Transport for NSW *Live Traffic* website www.livetraffic.com, and mobile applications.

The area is well serviced by public transport, with the 333, 360, 361, 378, 380, 381, 382 and Beach Runner bus routes running past/through the area.

Courtesy Cars

The Event Organiser's sponsor Hyundai will be supplying five complimentary vehicles to be used to shuttle Spectators between Notts Avenue and Tamarama Park, at the discretion of the Event Organiser.

Emergencies

First Aid

Details of First Aid facilities to be provided for the event are to be included by the Event Organiser in their Final Event Management Plan submitted for Council approval.

Emergency Vehicle Access

A minimum of three (3) metres clear path will be provided through the affected roads to provide access for emergency vehicles.

Emergency Contacts

The following individuals will be available to co-ordinate any emergencies, should they arise, for the duration of the event:

Table 2 Emergency contacts:

| Name | Organisation | Telephone Number |
|------------------------|---------------------------|-------------------------|
| Site Supervisor | [Traffic Control Company] | TBA |
| Parking Patrol Officer | Waverley Council | 0414 369 801 |
| Parking Patrol Officer | Waverley Council | 0414 369 802 |
| Jodie Walker | Waverley Council | 0414 620 615 |

Appendix 1

Notification Letters



IMPORTANT INFORMATION FOR BONDI AND TAMARAMA RESIDENTS

Local access, road closures and parking restrictions during Sculpture by the Sea, Thu 20 October – Sun 7 November 2016

Each spring, for the past 18 years, Waverley's magnificent coastline from Bondi to Tamarama becomes a show-stopping outdoor art gallery. The combination of man-made sculptures and nature's sculpture of our landscape is simply magnificent.

An estimated 500,000 people are expected to attend this year's Sculpture by the Sea over the event period, with a significant number of these visitors coming on weekends.

To minimise the impact on local residents, there will be restricted access zones. Information is provided overleaf about local access, one way traffic changes and road closures.

Special permits for parking in the streets that are closed to commuter traffic are being organised for residents living in those streets. An application will be sent to those residents shortly with instructions on how Council is making access to your street easier for you.

In addition to traffic changes, all event publicity is promoting public transport and walking routes as a means of getting to and from the event in a hope to minimise traffic to the area and parking issues. If you have friends or family coming to the event, please suggest they leave their cars at home and catch public transport.

If you need to speak to someone throughout the event about a parking issue, contact Council's Customer Service Centre between 8.30am–5pm, Monday – Friday, on **9083 8000**. Outside these hours call the Parking Patrol Officers on **0414 369 801** or **0414 369 802**.

If you would like more information about the event, visit www.sculpturebythesea.com or call **8399 0233**.

We would like to invite you to an exclusive evening amongst the sculptures in Marks Park at our Residents Nights during Sculpture by the Sea. There are two dates to choose from:

- _____ Friday, 31 October at the 'Sculpture Inside' marquee, 5.45pm – 7.15pm; or
- _____ Tuesday, 4 November at our 'Sunset Bar' (middle of Marks Park), 5.45pm – 7.15pm.

Places are limited and RSVPs are essential. RSVP with your preferred date to lucy@sculpturebythesea.com by Friday, 24 October to confirm your attendance.

Complimentary drinks will be served as well as Japanese cuisine courtesy of PaperPlanes Bondi. PaperPlanes Bondi is pleased to be sponsoring our annual Residents Nights and will also be offering a complimentary cocktail when dining at PaperPlanes by quoting 'Sculpture by the Sea' upon reservation.

We appreciate and thank you for your patience during the event period, as we recognise it is a disruption to some local residents. We will do what we can to minimise the impacts for you. Kind regards

Sally Betts
Mayor of Waverley

David Handley
Sculpture by the Sea Founding Director



Project: SCULPTURE BY THE SEA 2016 Date: 20/10/2016 - 6/11/2016

Comments:
Traffic Control Plan
Drawn by: Sam Samadian
Select/Modify TCP's: 19947039
Exp: 19/03/2018

WAVERLEY
COUNCIL

© 2015 ESRI - Map data © 2015 ArcGIS

Our ref: A02/0216

1 October 2016

Dear Resident,

Parking during the Sculpture by the Sea Exhibition

As you are aware, **Sculpture by the Sea** will run from **Thursday, 20 October to Sunday, 6 November 2016**.

For the duration of the exhibition, Gaerloch Avenue, Dellview Street, Thompson Street and Mirimar Avenue will be temporarily made one way, as shown on the attached map.

You are reminded that under the [NSW] *Road Rules 2008*, vehicles will need to be parked in the direction of travel:

208 Parallel parking on a road (except in a median strip parking area)

- (2) The driver must position the vehicle to face:
 - (a) in the direction of travel of vehicles in the marked lane or line of traffic on, or next to, the part of the road where the driver parks, or
 - (b) if there is no traffic on, or next to, that part of the road—in the direction in which vehicles could lawfully travel on that part of the road.
- (4) If the road is a one-way road, the driver must position the vehicle parallel, and as near as practicable, to the far left or far right side of the road, unless otherwise indicated by information on or with a parking control sign.

The area will be monitored by Council's Parking Officers and vehicles parked contrary to the [NSW] *Road Rules 2008* will be infringed.

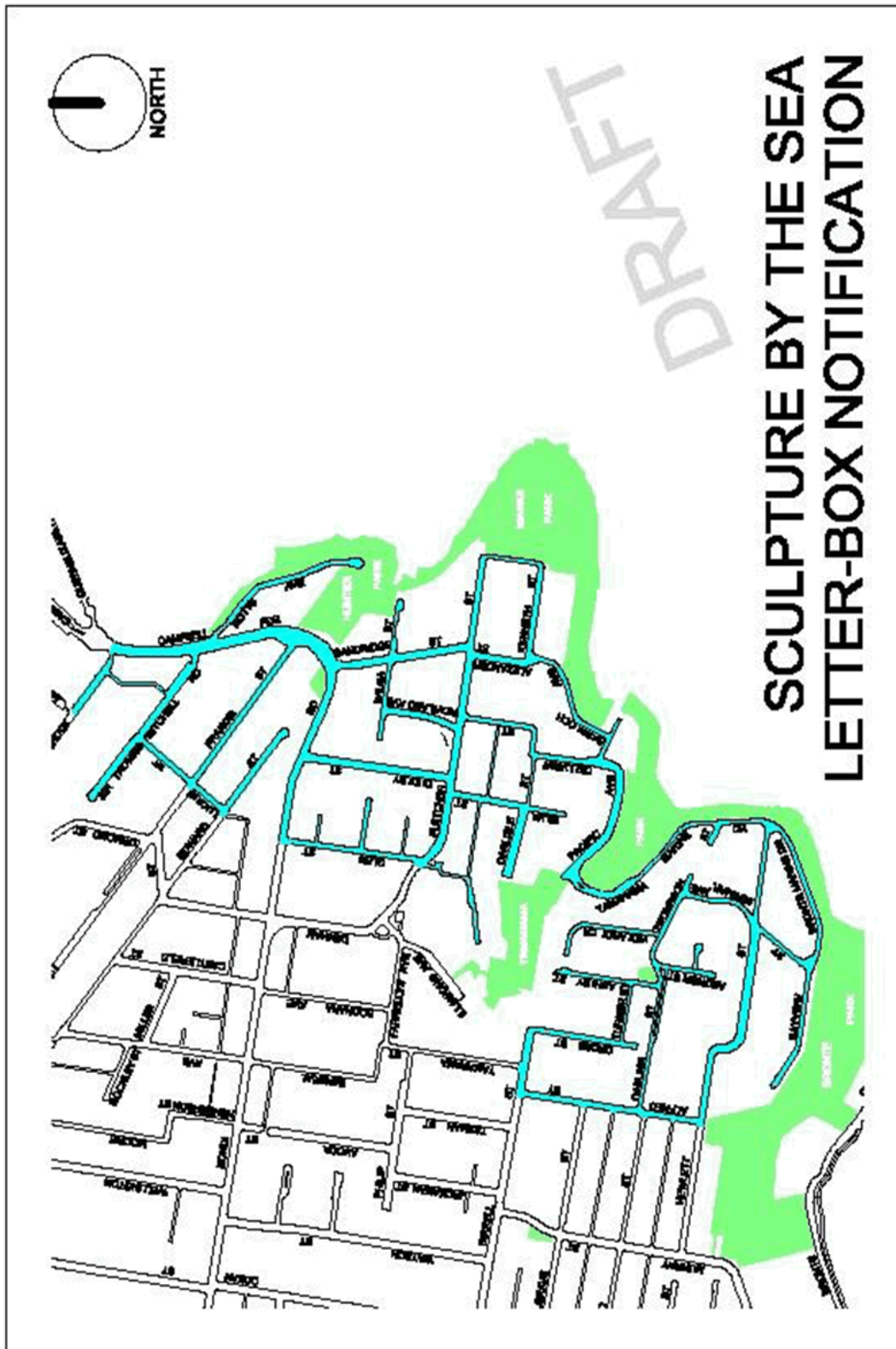
Should you require any further information please call us on **9083 8000**, or email us at parkingadmin@waverley.nsw.gov.au.

Yours faithfully

Colin Handsaker
Manager Parking Operations



Distribution Map



Our ref: A02/0216

1 October 2016

Dear Resident,

Parking during the Sculpture by the Sea Exhibition

As you are aware, **Sculpture by the Sea** will run from **Thursday, 20 October to Sunday, 6 November 2016**.

For the duration of the exhibition, Notts Avenue, Fletcher Street (east of Alexander Street), Kenneth Lane (east of Alexander Street) and Marks Lane will have road closure restrictions, as shown on the attached map. These road closures will be staffed by RMS-accredited traffic controllers to ensure that access is only granted to residents, emergency vehicles and other authorised vehicles when required.

To facilitate faster and easier access to these streets Waverley Council is offering you a yellow '**SPECIAL EVENT PERMIT**' that you can adhere to the front of your windscreen so that it can easily be seen by the traffic controllers. In order for us to send you the 'Special Event Permit' we need you to fill out the attached form and return it to us. This can be done by:

email to: **parkingadmin@waverley.nsw.gov.au**, or mail to: **Waverley Council,
Parking Services PO Box 9 Bondi Junction NSW 1355**

Should you require any further information please call us on **9083 8000**, or email us at **parkingadmin@waverley.nsw.gov.au**.

Yours faithfully

Colin Handsaker
Parking Operations Manager



Appendix 2

Coach Operators' Maps & School Notification Letter

SCULPTURE BY THE SEA 2016 Bus Groups Dropping-off & Picking-up at Hunter Park



Figure 1 - Drop-off at Hunter Park and proceed to lay-over area

Coach buses should only stop in a designated 'Coaches Only Zone' to pick-up and drop-off passengers.



Figure 2 - Pick-up at Hunter Park

Coach buses should only stop in a designated 'Coaches Only Zone' to pick-up and drop-off passengers.

SCULPTURE BY THE SEA 2016 School Bus Groups Dropping-off & Picking-up at Tamarama Park



Figure 1 - Drop-off at Tamarama Park- Buses with Council issued permit only
Permit Holder Coach buses should only stop in a designated 'No Parking Authorised Parking Excepted' zone to pick-up and drop-off passengers.



Figure 2 - Pick-up at Tamarama Park - Buses with Council issued permit only
Permit Holder Coach buses should only stop in a designated 'No Parking Authorised Parking Excepted' zone to pick-up and drop-off passengers.

SCULPTURE BY THE SEA 2016 Mini-Bus Groups with Access Needs - Drop-off & Pick-up at Marks Park



Figure 1 - Drop-off in Marks Park and proceed to lay-over area

Mini-Bus groups with access needs may only dropping-off & picking-up in Marks Park then exits the park and legally park in the area.

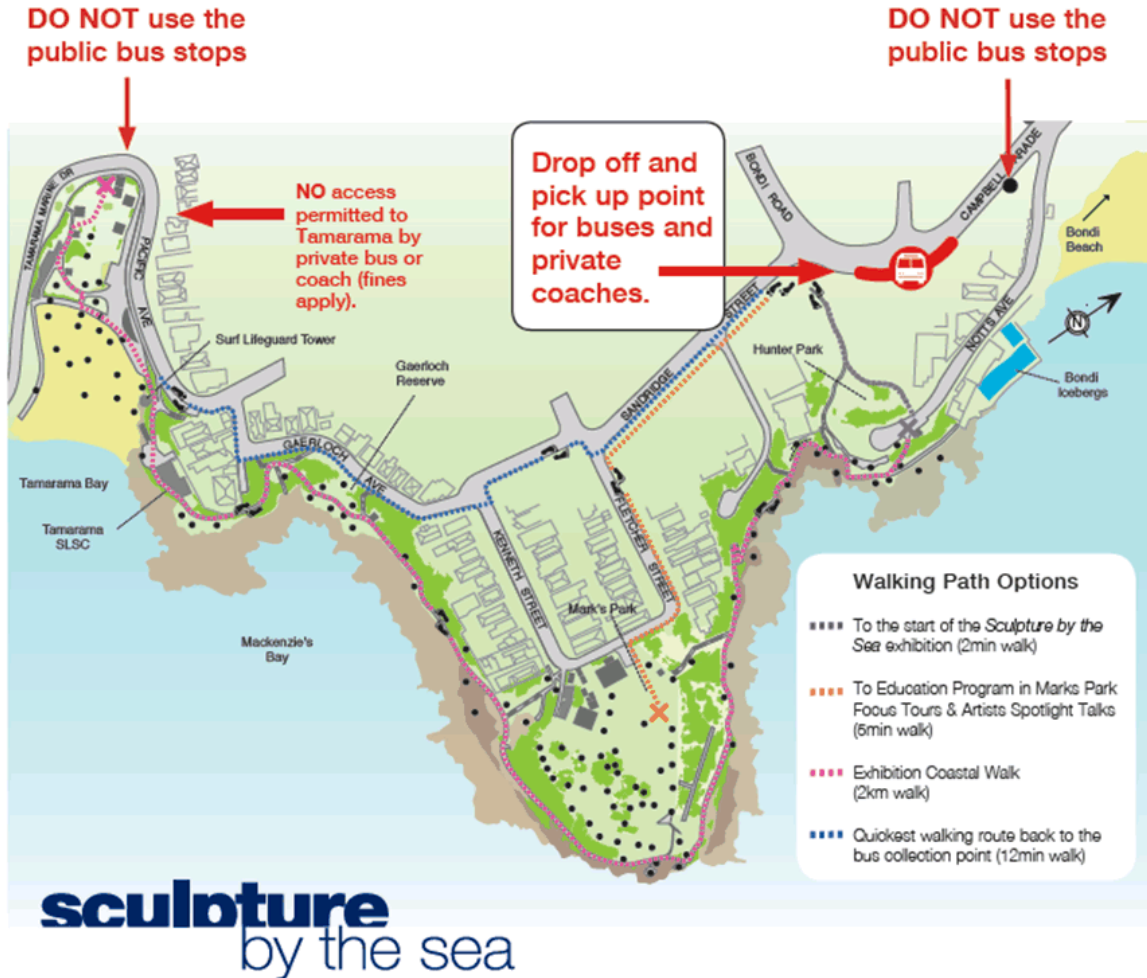


Figure 2 - Pick-up in Marks Park

Mini-Bus groups with access needs may only dropping-off & picking-up in Marks Park then exits the park and legally park in the area.

Important Updated Information for Hired School Buses / Coaches Visiting *Sculpture by the Sea, Bondi 2016*

20 October - 6 November 2016



Welcome to all schools who are visiting *Sculpture by the Sea* on self guided school excursions or to join our Education Program. Please read this Important message regarding the bus drop off and collection point for all buses on the city bound side of Campbell Parade, Bondi Beach.

This bus drop off and collection point has been provided on Campbell Parade to make it easier for you to get to the exhibition and to ease congestion elsewhere (see map for location). It is a requirement that all schools use the designated Campbell Parade bus zone to drop off and pick up. **Do not use the public bus stops in the area.**

Please allow a little extra time needed to walk and enjoy the exhibition.

For any enquiries please contact Jodie Walker from Waverley Council on 9083 8414.

Visit our website for the updated Excursion Management Plan and Education resources
www.sculpturebythesea.com

Important Information for Schools Visiting *Sculpture by the Sea* for Artist Workshops at Tamarama Beach

20 October - 6 November 2016



Thank you for booking an Artist Workshop at *Sculpture by the Sea*. Schools booked for a workshop planning to be dropped off and/or collected at Tamarama must inform the *Sculpture by the Sea* Education Manager.

The new arrangements, including the new bus drop off and collection point on Campbell Parade, aim to make it easier for you to get to or depart from the Bondi Beach end of the exhibition and to ease congestion elsewhere (see map for location). To use the Pacific Ave designated bus stop, please provide the registration number of the bus / coach. The bus / coach will be provided with a Council Authorised Permit on arrival. This will allow a drop off or pick up time of 10 mins.

Schools might organise to be dropped off / picked up before of after their workshop at the designated drop off / pick up point on Campbell Parade to view all of the exhibition. See above.

For any enquiries please contact Petra Pattinson on 0413 405 466.

Visit our website for the updated Excursion Management Plan and Education resources
www.sculpturebythesea.com

Appendix 3

Traffic Control Schedule

| Day | Date | Time | Activity | TCP |
|-----|------|------|----------|-----|
|-----|------|------|----------|-----|

Notification

| | | | | |
|----------|--------|---|--|-----|
| Monday | 3-Oct | - | Deliver notification letters | - |
| Thursday | 14-Oct | - | Set up VMS in Pacific Avenue | TBA |
| | | - | Set up VMS in Fletcher Street | |
| Thursday | 14-Oct | - | Set up VMS in Campbell Parade | |
| Thursday | 14-Oct | - | Install all advance notification signs | |

Bump-in

| | | | | |
|-----|-----|------------|--|-----|
| TBA | TBA | TBA TBA | Set up traffic control in Tamarama Marine Drive/Pacific Avenue Control traffic in Tamarama Marine Drive/Pacific Avenue Pack up traffic control in Tamarama Marine Drive/Pacific Avenue | TBA |
|-----|-----|------------|--|-----|

| Day | Date | Time | Activity | TCP |
|-----|------|------|----------|-----|
|-----|------|------|----------|-----|

The Event

| | | | | |
|----------|--------|--|---|-----|
| Thursday | 20-Oct | 7:30 AM 8:00 AM 9:00 AM 9:00 AM 10:00 AM 6:00 PM 6:30 PM | <p>Set up closure of Notts Avenue</p> <p>Close Notts Avenue to entering traffic. Access open to peds, cyclists, local residents, Bondi Icebergs, taxis, emergency veh's & SxS</p> <p>Set up WFBs in Mirimar/Thompson</p> <p>Unveil one-way signs in Mirimar/Thompson</p> <p>Set up WFBs in Gaerloch/Dellview</p> <p>Unveil one-way signs in Gaerloch/Dellview</p> <p>Install barrier boards / road closed signs & traffic cones in Gaerloch/Dellview</p> <p>Man Gaerloch/Dellview one way</p> <p>Remove barrier boards / road closed signs & traffic cones in Gaerloch/Dellview</p> <p>Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson</p> <p>Adjust WFBs as necessary and report signs to S. Samadian</p> <p>Open Notts Avenue to entering traffic</p> <p>Pack up closure of Notts Avenue</p> | TBA |
| Friday | 21-Oct | 7:30 AM 7:30 AM 8:00 AM | <p>Set up closure of Notts Avenue & Fletcher/Kenneth</p> <p>Close Notts Avenue to entering traffic. Access open to peds, cyclists, local residents, Bondi Icebergs, taxis, emergency veh's & SxS</p> <p>Close Fletcher/Kenneth to entering traffic. Access open to peds, cyclists, local residents, taxis, emergency veh's & SxS</p> <p>Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson</p> <p>Adjust WFBs as necessary and report signs to S.Samadian</p> <p>Install barrier boards / road closed signs & traffic cones in Gaerloch/Dellview</p> <p>Man Gaerloch/Dellview one way</p> | TBA |

| | | | | |
|-----------------|---------|--|--|-----|
| | | 6:00 PM | Remove barrier boards / road closed signs & traffic cones in Gaerloch/Dellview Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson | |
| | | 6:30 PM | Adjust WFBs as necessary and report signs to S.Samadian Open Notts Avenue to entering traffic | |
| | | 6:30 PM | Open Fletcher/Kenneth to entering traffic Pack up closure of Notts Avenue & Fletcher/Kenneth | |
| Saturday Sunday | 22-Oct | 7:30 AM | Close Notts Avenue to entering traffic. Access open to peds, cyclists, local residents, Bondi Icebergs, taxis, emergency veh's & SxS | TBA |
| | 23-Oct | 7:30 AM | Close Fletcher/Kenneth to entering traffic. Access open to peds, cyclists, local residents, taxis, emergency veh's & SxS Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson Adjust WFBs as necessary and report signs to S.Samadian Install barrier boards / road closed signs & traffic cones in Gaerloch/Dellview Install barrier boards / road closed signs in Ashley/Bayview/Wolaroi | |
| | | 8:00 AM | Man Gaerloch/Dellview one way | |
| | 8:00 AM | Man Mirimar/Thompson one way | | |
| | 6:00 PM | Remove barrier boards / road closed signs & traffic cones in Gaerloch/Dellview | | |
| | 6:00 PM | Remove barrier boards / road closed signs in Ashley/Bayview/Wolaroi Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson Adjust WFBs as necessary and report signs to S.Samadian | | |
| | 6:30 PM | Open Notts Avenue to entering traffic | | |
| | 6:30 PM | Open Fletcher/Kenneth to entering traffic Pack up closure of Notts Avenue & Fletcher/Kenneth | | |

| | | | | |
|----------------------------------|----------------------------|------------------------|---|-----|
| Monday | 24-Oct | 7:30 AM 7:30 AM | <p>Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson Adjust WFBs as necessary and report signs to S.Samadian Install barrier boards / road closed signs & traffic cones in Gaerloch/Dellview Set up closure of Notts Avenue Close Notts Avenue to entering traffic. Access open to peds, cyclists, local residents, Bondi Icebergs, taxis, emergency veh's & SxS Close Fletcher/Kenneth to entering traffic. Access open to peds, cyclists, local residents, taxis, emergency veh's & SxS</p> | TBA |
| | | 6:30 PM 6:30 PM | <p>Open Notts Avenue to entering traffic Open Fletcher/Kenneth to entering traffic Pack up closure of Notts Avenue Remove barrier boards / road closed signs & traffic cones in Gaerloch/Dellview Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson Adjust WFBs as necessary and report signs to S.Samadian</p> | |
| Tuesday Wednesday Thursday | 25-Oct 26-Oct 27-Oct | 7:30 AM 6:30 PM | <p>Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson Adjust WFBs as necessary and report signs to S.Samadian Install barrier boards / road closed signs & traffic cones in Gaerloch/Dellview Set up closure of Notts Avenue Close Notts Avenue to entering traffic. Access open to peds, cyclists, local residents, Bondi Icebergs, taxis, emergency veh's & SxS Open Notts Avenue to entering traffic. Pack up closure of Notts Avenue Remove barrier boards / road closed signs & traffic cones in Gaerloch/Dellview Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson Adjust WFBs as necessary and report signs to S.Samadian</p> | TBA |

| | | | | |
|-----------------|------------------|---------|--|-----|
| Friday | 28-Oct | 7:30 AM | Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson Adjust WFBs as necessary and report signs to S.Samadian Install barrier boards / road closed signs & traffic cones in Gaerloch/Dellview Set up closure of Notts Avenue | TBA |
| | | 7:30 AM | Close Notts Avenue to entering traffic. Access open to peds, cyclists, local residents, Bondi Icebergs, taxis, emergency veh's & SxS | |
| | | 6:30 PM | Close Fletcher/Kenneth to entering traffic. Access open to peds, cyclists, local residents, taxis, emergency veh's & SxS | |
| | | 6:30 PM | Open Notts Avenue to entering traffic Open Fletcher/Kenneth to entering traffic Pack up closure of Notts Avenue | |
| | | | Remove barrier boards / road closed signs & traffic cones in Gaerloch/Dellview Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson Adjust WFBs as necessary and report signs to S.Samadian | |
| Saturday Sunday | 29-Oct 30-Oct | 7:30 AM | Set up closure of Notts Avenue & Fletcher/Kenneth | TBA |
| | | 7:30 AM | Close Notts Avenue to entering traffic. Access open to peds, cyclists, local residents, Bondi Icebergs, taxis, emergency veh's & SxS | |
| | | | Close Fletcher/Kenneth to entering traffic. Access open to peds, cyclists, local residents, taxis, emergency veh's & SxS Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson Adjust WFBs as necessary and report signs to S.Samadian Install barrier boards / road closed signs & traffic cones in Gaerloch/Dellview Install barrier boards / road closed signs in Ashley/Bayview/Wolaroi | |
| | | 7:30 AM | Man Mirimar/Thompson one way | |
| | | 6:00 PM | Remove barrier boards / road closed signs & traffic cones in Gaerloch/Dellview | |

| | | | | |
|--------|--------|---------|---|-----|
| | | 6:00 PM | Remove barrier boards / road closed signs in Ashley/Bayview/Wolaroi Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson Adjust WFBs as necessary and report signs to S.Samadian | |
| | | 6:30 PM | Open Notts Avenue to entering traffic | |
| | | 6:30 PM | Open Fletcher/Kenneth to entering traffic Pack up closure of Notts Avenue & Fletcher/Kenneth | |
| Monday | 31-Oct | | Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson Adjust WFBs as necessary and report signs to S.Samadian Install barrier boards / road closed signs & traffic cones in Gaerloch/Dellview Set up closure of Notts Avenue | TBA |
| | | 7:30 AM | Close Notts Avenue to entering traffic. Access open to peds, cyclists, local residents, Bondi Icebergs, taxis, emergency veh's & SxS | |
| | | 7:30 AM | Close Fletcher/Kenneth to entering traffic. Access open to peds, cyclists, local residents, taxis, emergency veh's & SxS | |
| | | 6:30 PM | Open Notts Avenue to entering traffic | |
| | | 6:30 PM | Open Fletcher/Kenneth to entering traffic Pack up closure of Notts Avenue Remove barrier boards / road closed signs & traffic cones in Gaerloch/Dellview Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson Adjust WFBs as necessary and report signs to S.Samadian | |

| | | | | |
|---|----------------------------------|--|--|------------|
| <p>Tuesday Wednesday Thursday</p> | <p>1-Nov 2-Nov 3-Nov</p> | <p>7:30 AM 6:30 PM</p> | <p>Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson Adjust WFBs as necessary and report signs to S.Samadian Install barrier boards / road closed signs & traffic cones in Gaerloch/Dellview Set up closure of Notts Avenue Close Notts Avenue to entering traffic. Access open to peds, cyclists, local residents, Bondi Icebergs, taxis, emergency veh's & SxS Open Notts Avenue to entering traffic. Pack up closure of Notts Avenue Remove barrier boards / road closed signs & traffic cones in Gaerloch/Dellview Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson Adjust WFBs as necessary and report signs to S.Samadian</p> | <p>TBA</p> |
| <p>Friday</p> | <p>4-Nov</p> | <p>7:30 AM 7:30 AM 6:30 PM 6:30 PM</p> | <p>Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson Adjust WFBs as necessary and report signs to S.Samadian Install barrier boards / road closed signs & traffic cones in Gaerloch/Dellview Set up closure of Notts Avenue Close Notts Avenue to entering traffic. Access open to peds, cyclists, local residents, Bondi Icebergs, taxis, emergency veh's & SxS Close Fletcher/Kenneth to entering traffic. Access open to peds, cyclists, local residents, taxis, emergency veh's & SxS Open Notts Avenue to entering traffic Open Fletcher/Kenneth to entering traffic Pack up closure of Notts Avenue Remove barrier boards / road closed signs & traffic cones in Gaerloch/Dellview Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson Adjust WFBs as necessary and report signs to S.Samadian</p> | <p>TBA</p> |

| | | | | |
|-----------------|--|----------|--|-----|
| Saturday Sunday | 5-Nov 6-Nov | 7:30 AM | Set up closure of Notts Avenue & Fletcher/Kenneth | TBA |
| | | 7:30 AM | Close Notts Avenue to entering traffic. Access open to peds, cyclists, local residents, Bondi Icebergs, taxis, emergency veh's & SxS | |
| | | 7:30 AM | Close Fletcher/Kenneth to entering traffic. Access open to peds, cyclists, local residents, taxis, emergency veh's & SxS | |
| | | | Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson | |
| | | | Adjust WFBs as necessary and report signs to S.Samadian | |
| | | | Install barrier boards / road closed signs & traffic cones in Gaerloch/Dellview | |
| | | | Install barrier boards / road closed signs in Ashley/Bayview/Wolaroi | |
| | | 8:00 AM | Man Mirimar/Thompson one way | |
| 6:00 PM | Remove barrier boards / road closed signs & traffic cones in Gaerloch/Dellview | | | |
| 6:00 PM | Remove barrier boards / road closed signs in Ashley/Bayview/Wolaroi | | | |
| 6:30 PM | Check WFBs & one-way signs in Gaerloch/Dellview & Mirimar/Thompson | | | |
| 6:30 PM | Adjust WFBs as necessary and report signs to S.Samadian | | | |
| 6:30 PM | Open Notts Avenue to entering traffic | | | |
| 6:30 PM | Open Fletcher/Kenneth to entering traffic | | | |
| | | 6:30 PM | Pack up closure of Notts Avenue & Fletcher/Kenneth | |
| Monday | 7-Nov | 8:00 AM | Remove WFBs in Mirimar/Thompson | TBA |
| | | 9:00 AM | Cover one-way signs in Mirimar/Thompson | |
| | | 9:00 AM | Remove WFBs in Gaerloch/Dellview | |
| | | 10:00 AM | Cover one-way signs in Gaerloch/Dellview | |

| Day | Date | Time | Activity | TCP |
|-----|------|------|----------|-----|
|-----|------|------|----------|-----|

Bump-out

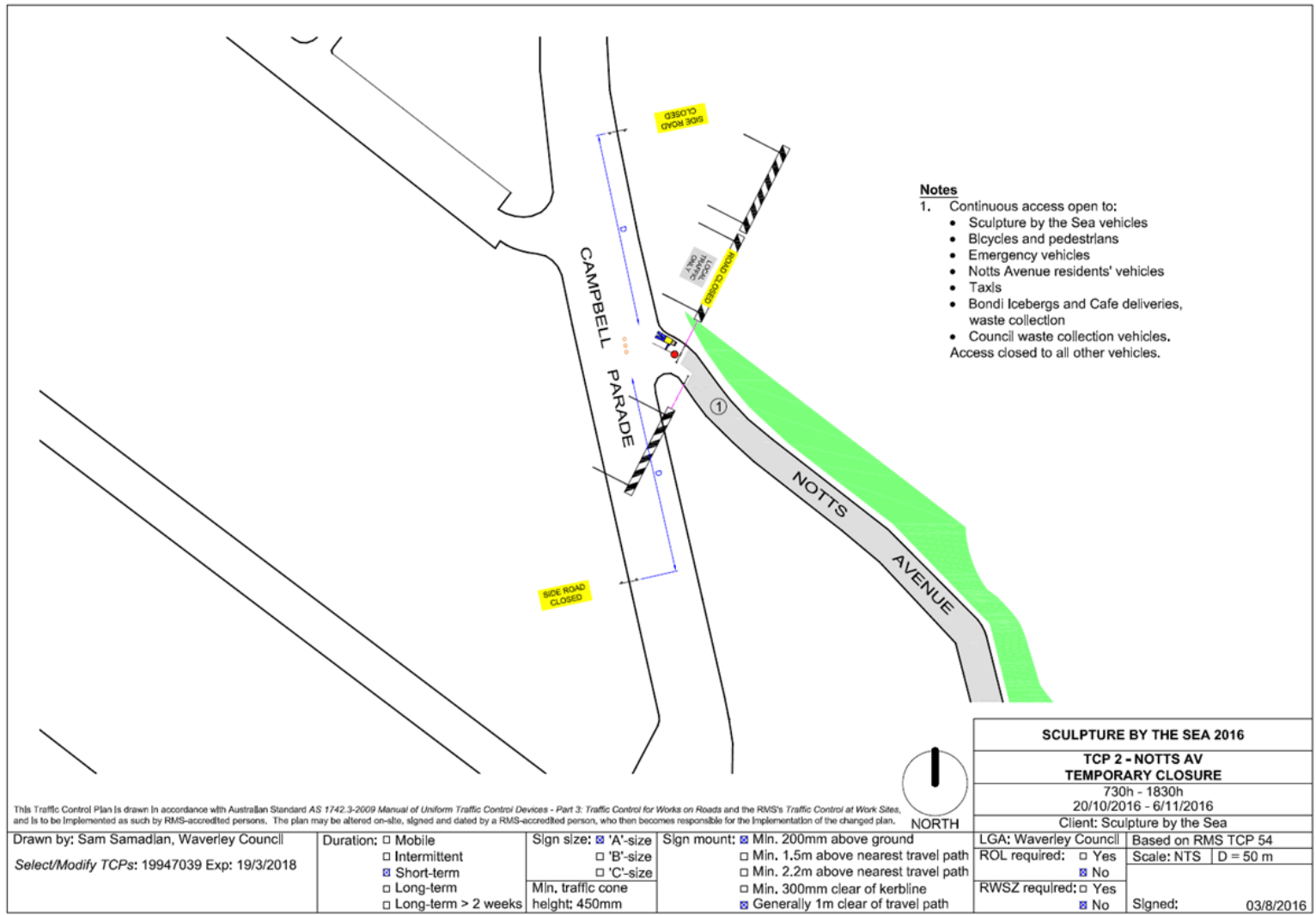
| | | | | |
|--------|-------|---------------------|--|-----|
| Monday | 8-Nov | 10:00 AM 6:00 PM | Set up traffic control in Tamarama Marine Drive/Pacific Avenue Control traffic in Tamarama Marine Drive/Pacific Avenue Pack up traffic control in Tamarama Marine Drive/Pacific Avenue | TBA |
|--------|-------|---------------------|--|-----|


Appendix 4

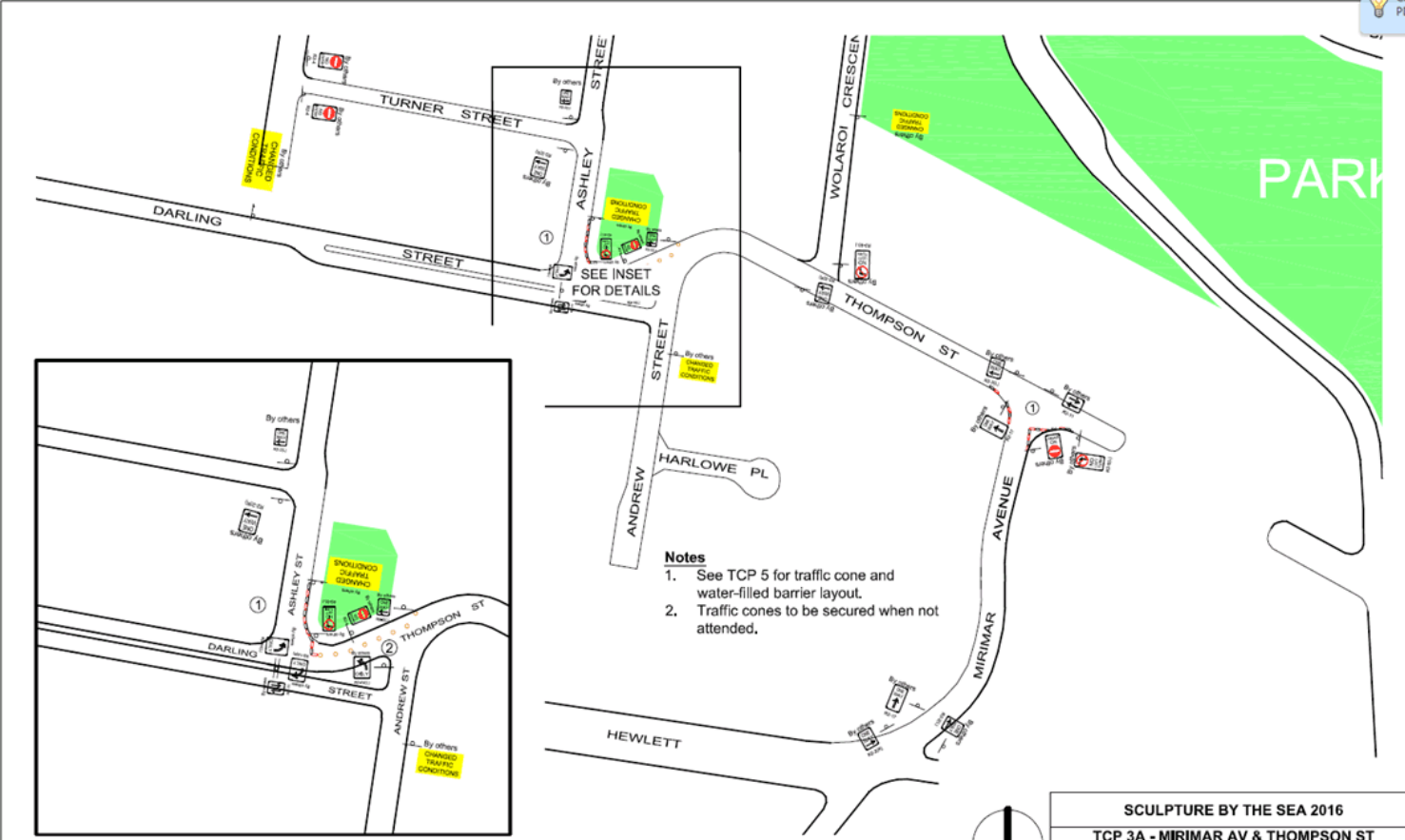
Traffic Control Plan



Remaining TCPs







Notes

1. See TCP 5 for traffic cone and water-filled barrier layout.
2. Traffic cones to be secured when not attended.

SCULPTURE BY THE SEA 2016
TCP 3A - MIRIMAR AV & THOMPSON ST
TEMPORARY ONE-WAY
 0900h 20/10/16 - 0900h 7/11/2016
 Client: Sculpture by the Sea

Drawn by: Sam Samadian, Waverley Council
Select/Modify TCPs: 19947039 Exp: 19/3/2018

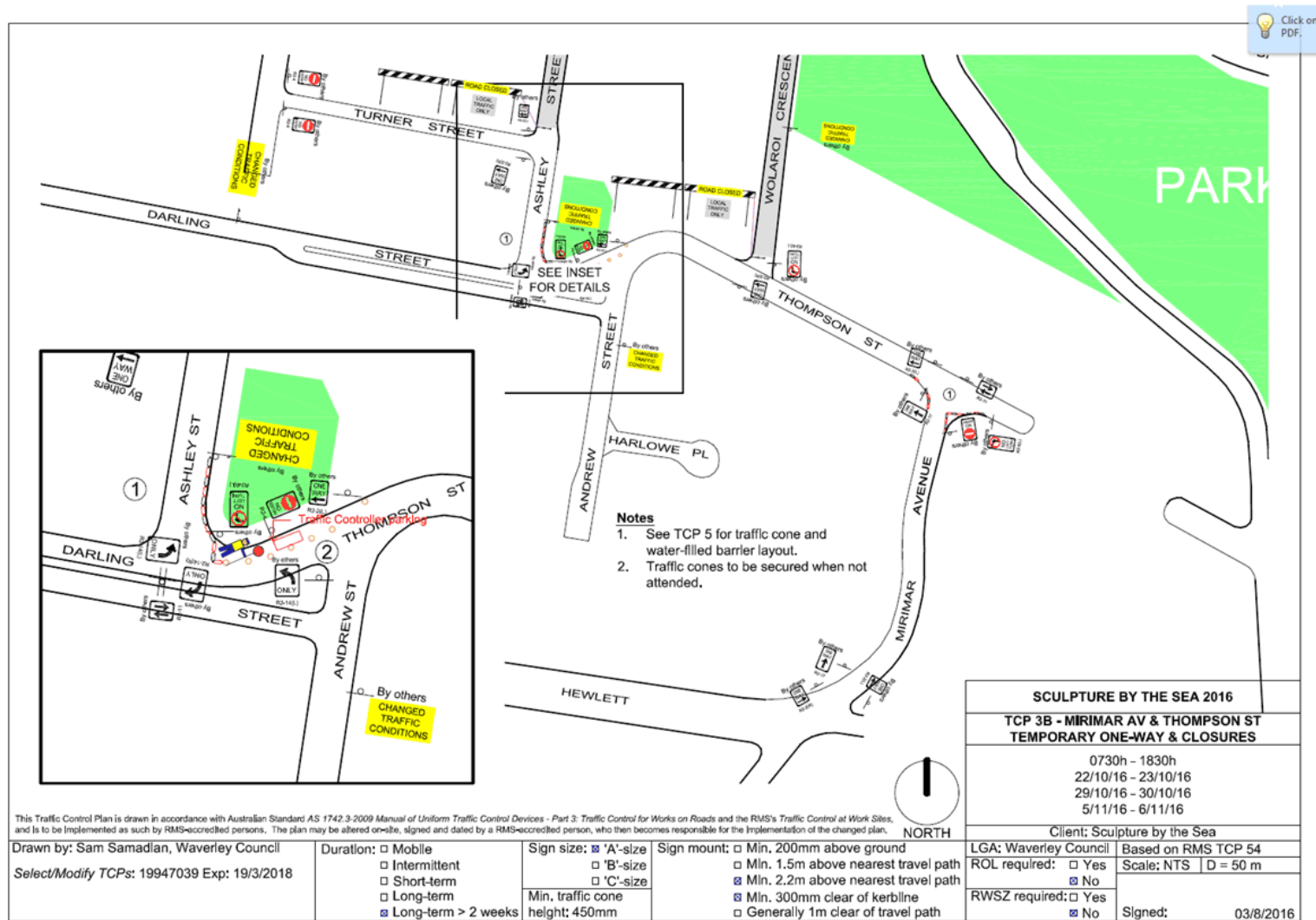
Duration: Mobile
 Intermittent
 Short-term
 Long-term
 Long-term > 2 weeks

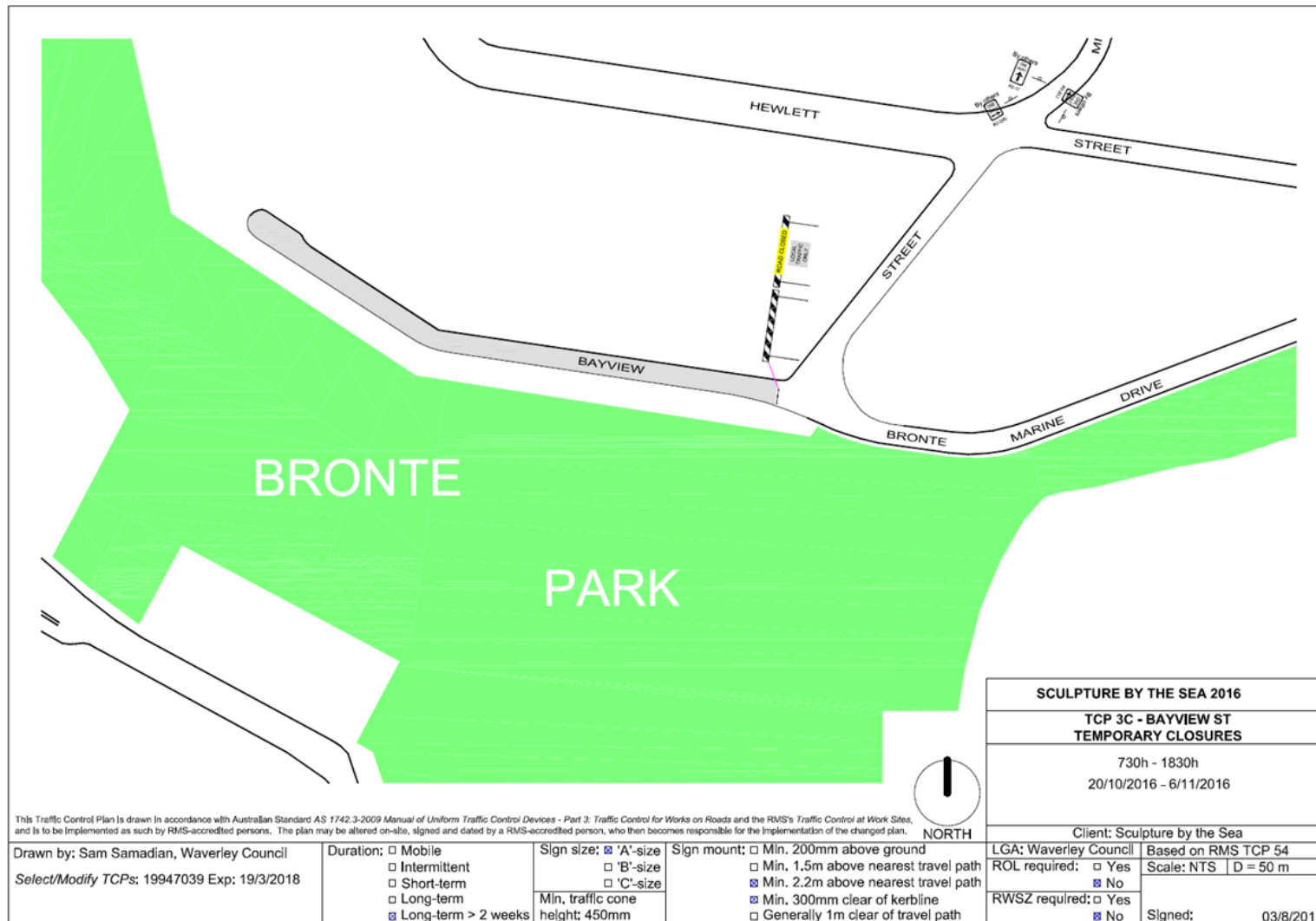
Sign size: 'A'-size
 'B'-size
 'C'-size
 Min. traffic cone height: 450mm

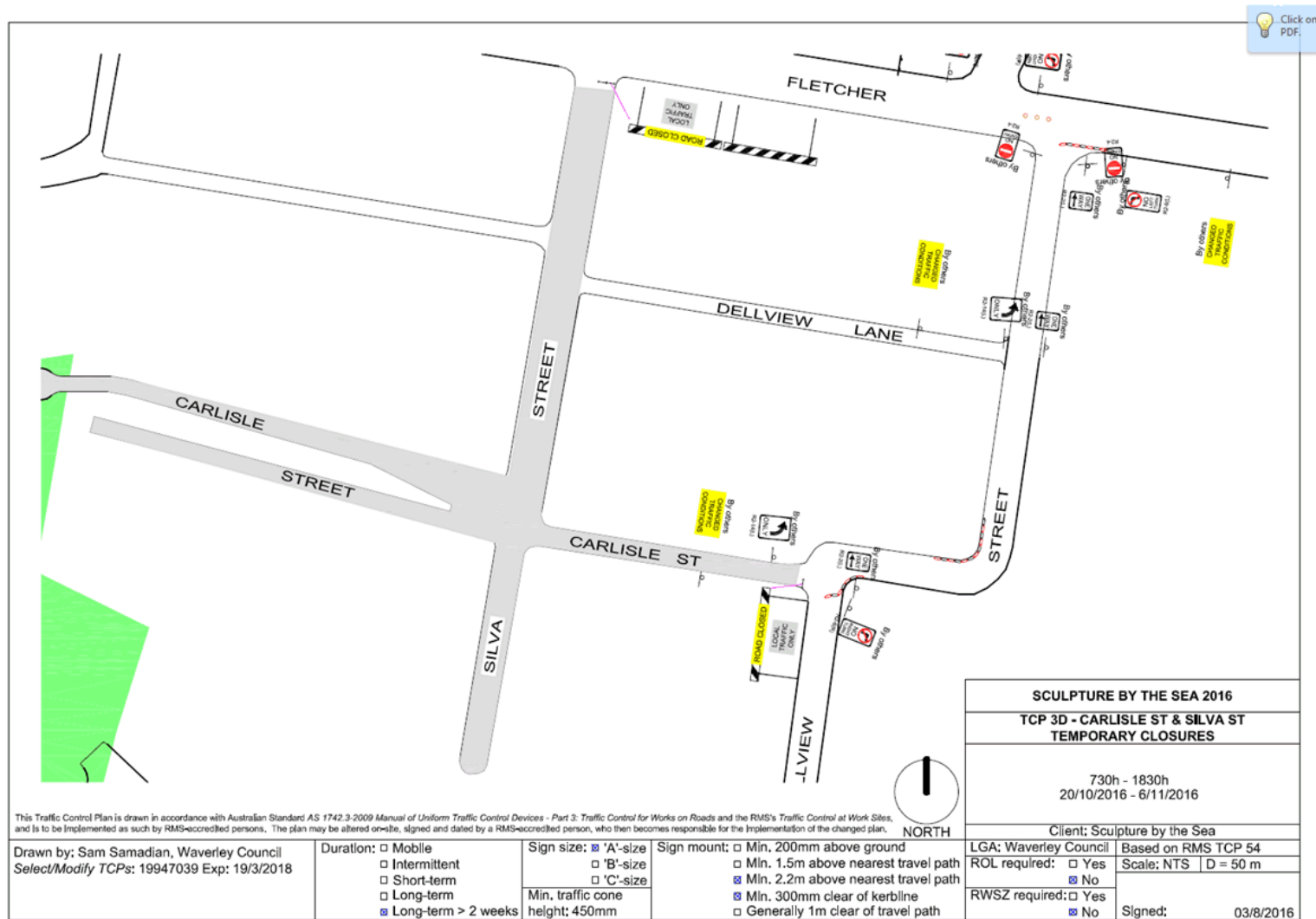
Sign mount: Min. 200mm above ground
 Min. 1.5m above nearest travel path
 Min. 2.2m above nearest travel path
 Min. 300mm clear of kerbline
 Generally 1m clear of travel path


LGA: Waverley Council
ROL required: Yes
 No
RWSZ required: Yes
 No

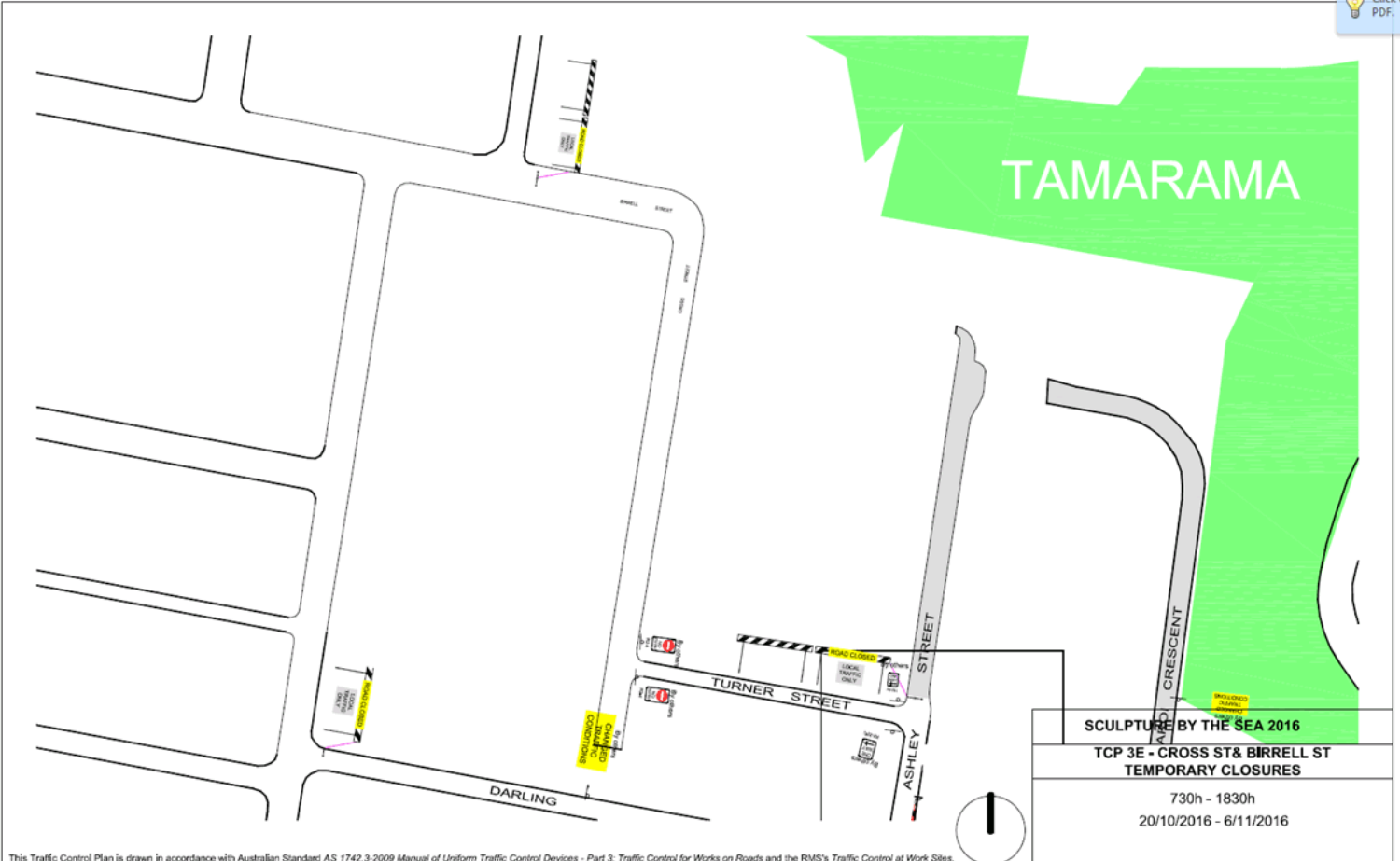
Based on RMS TCP 54
Scale: NTS D = 50 m
Signed: 03/8/2016







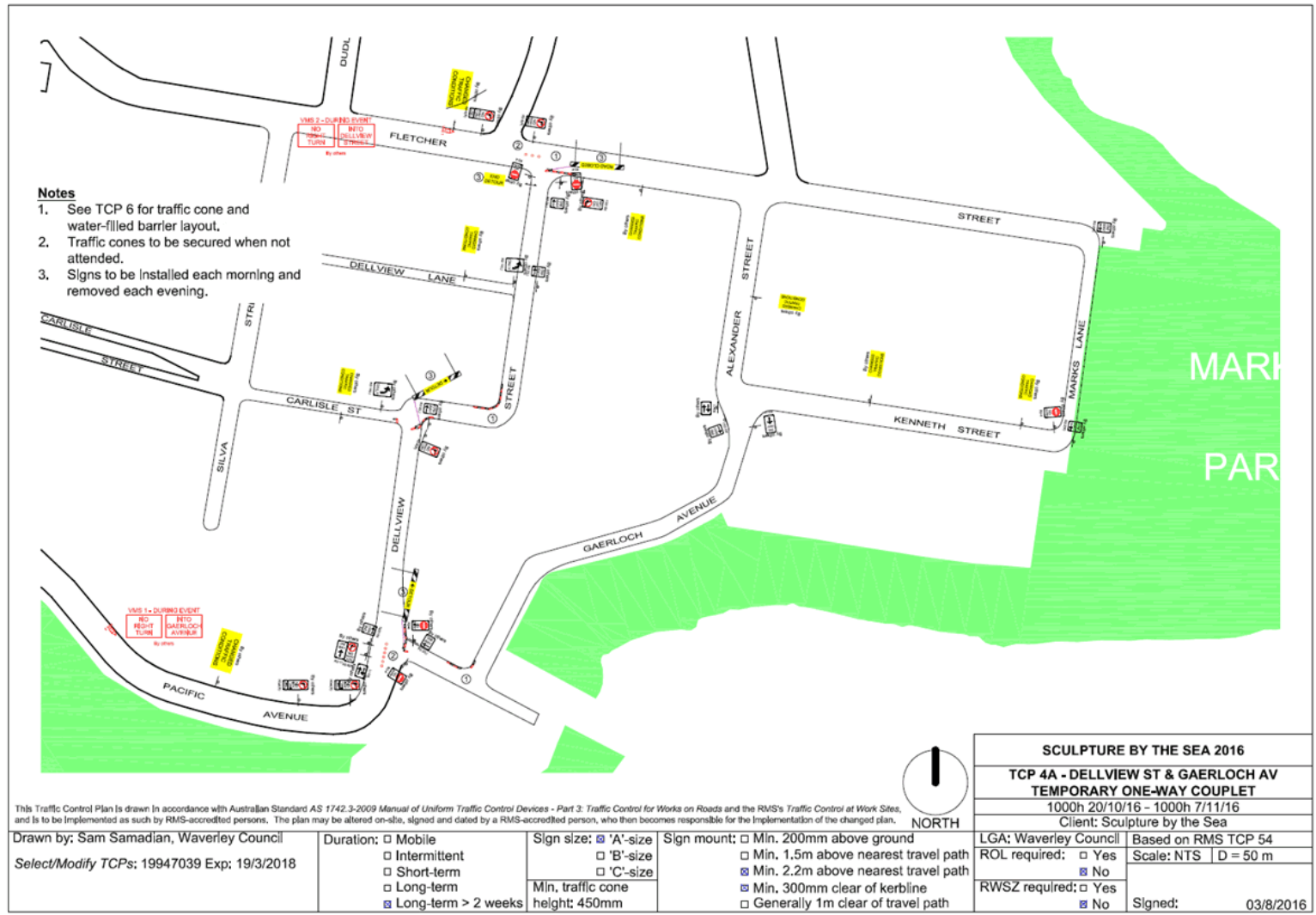




| | |
|---|---------------------|
| SCULPTURE BY THE SEA 2016 | |
| TCP 3E - CROSS ST & BIRRELL ST | |
| TEMPORARY CLOSURES | |
| 730h - 1830h | |
| 20/10/2016 - 6/11/2016 | |
| Client: Sculpture by the Sea | |
| LGA: Waverley Council | Based on RMS TCP 54 |
| ROL required: <input type="checkbox"/> Yes | Scale: NTS D = 50 m |
| <input checked="" type="checkbox"/> No | |
| RWSZ required: <input type="checkbox"/> Yes | Signed: 03/8/2015 |
| <input checked="" type="checkbox"/> No | |

This Traffic Control Plan is drawn in accordance with Australian Standard AS 1742.3-2009 Manual of Uniform Traffic Control Devices - Part 3: Traffic Control for Works on Roads and the RMS's Traffic Control at Work Sites, and is to be implemented as such by RMS-accrued persons. The plan may be altered on-site, signed and dated by a RMS-accrued person, who then becomes responsible for the implementation of the changed plan.

| | | | |
|---|--|--|---|
| Drawn by: Sam Samadian, Waverley Council Select/Modify TCPs: 19947039 Exp: 19/3/2018 | Duration: <input type="checkbox"/> Mobile <input type="checkbox"/> Intermittent <input type="checkbox"/> Short-term <input type="checkbox"/> Long-term <input checked="" type="checkbox"/> Long-term > 2 weeks | Sign size: <input checked="" type="checkbox"/> 'A'-size <input type="checkbox"/> 'B'-size <input type="checkbox"/> 'C'-size Min. traffic cone height: 450mm | Sign mount: <input type="checkbox"/> Min. 200mm above ground <input type="checkbox"/> Min. 1.5m above nearest travel path <input checked="" type="checkbox"/> Min. 2.2m above nearest travel path <input checked="" type="checkbox"/> Min. 300mm clear of kerbline <input type="checkbox"/> Generally 1m clear of travel path |
|---|--|--|---|



Notes

1. See TCP 6 for traffic cone and water-filled barrier layout.
2. Traffic cones to be secured when not attended.
3. Signs to be installed each morning and removed each evening.
4. Traffic Controllers to be in radio contact.

SCULPTURE BY THE SEA 2016
TCP 4B - DELLVIEW ST & GAERLOCH AV
TEMPORARY ONE-WAY COUPLET

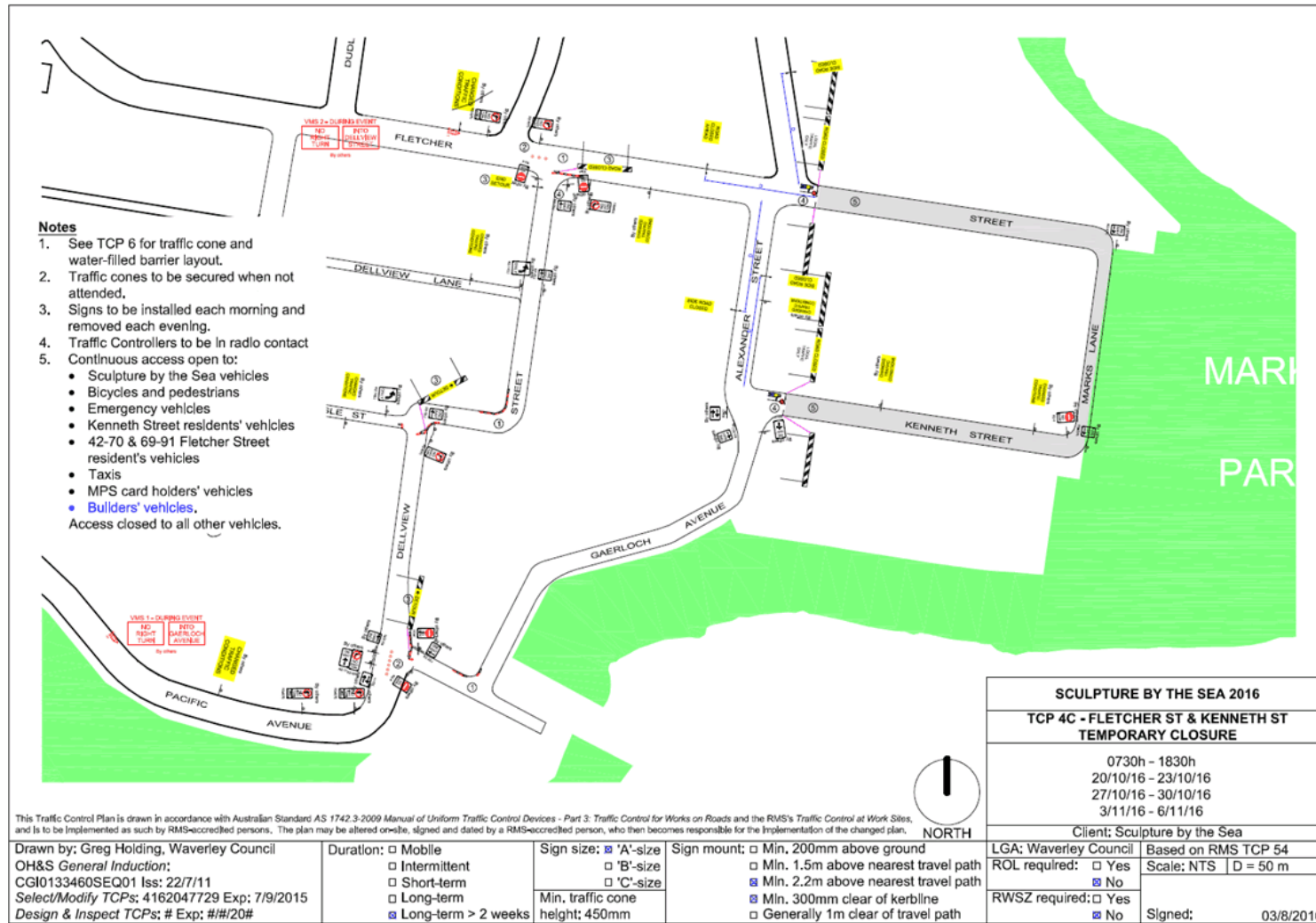
| | |
|---------------------------|--|
| 1000h - 1830h 20/10/16 | 0730h - 1830h 21/10/16 - 23/10/16 29/10/16 - 30/10/16 5/11/15 - 6/11/15 |
|---------------------------|--|

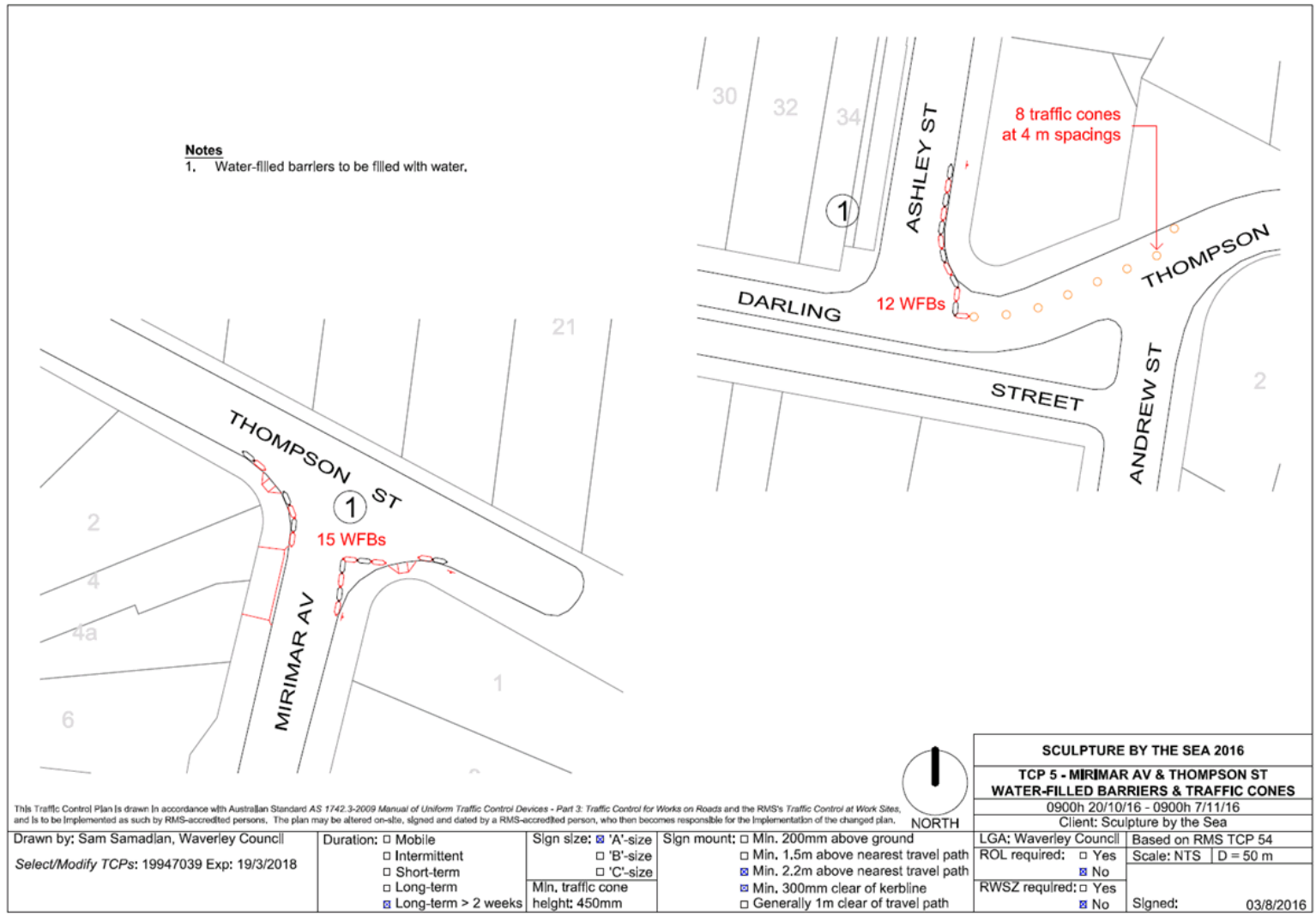
Client: Sculpture by the Sea
 LGA: Waverley Council | Based on RMS TCP 54
 ROL required: Yes No
 RWSZ required: Yes No
 Signed: 03/8/2016

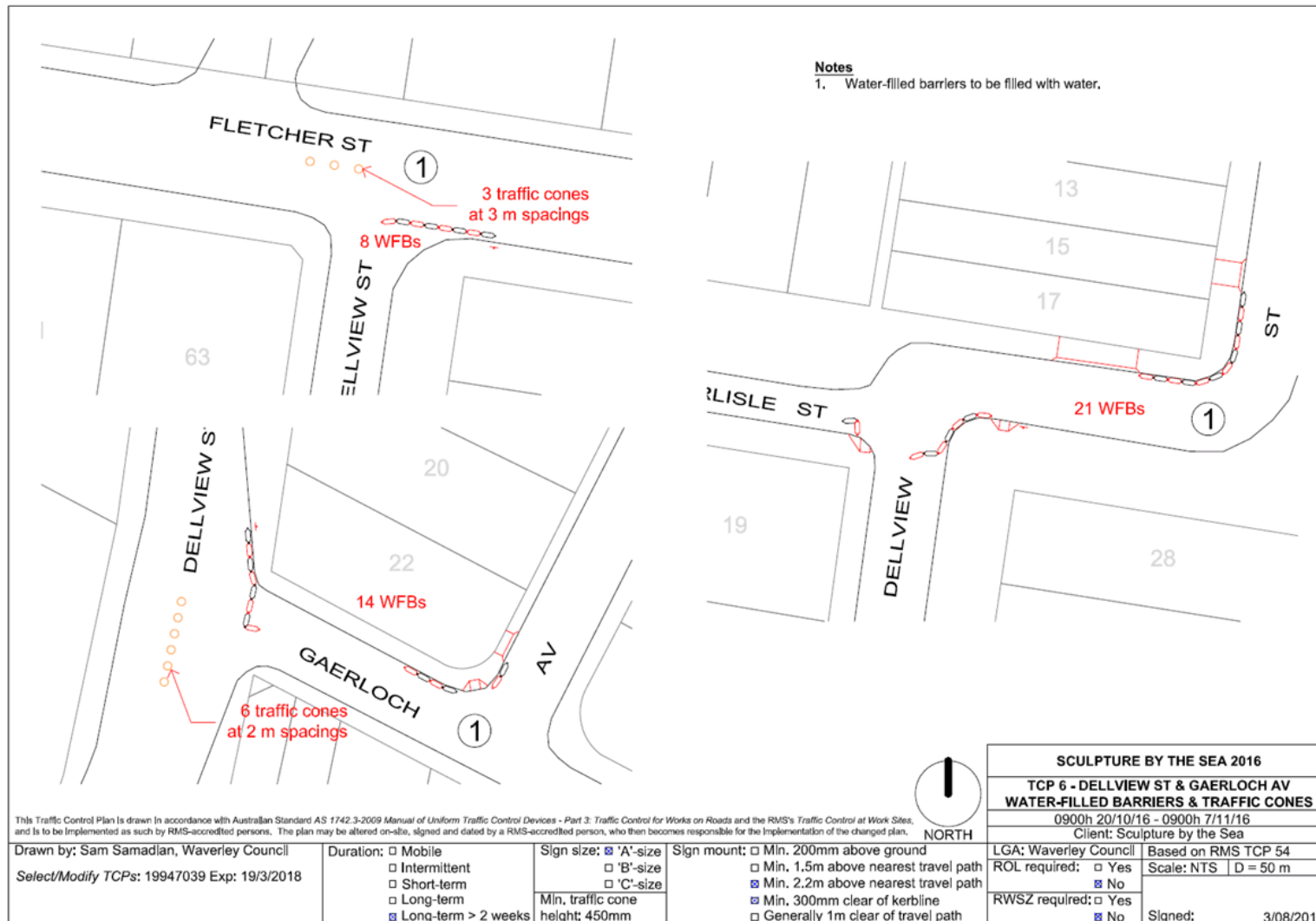
This Traffic Control Plan is drawn in accordance with Australian Standard AS 1742.3-2009 Manual of Uniform Traffic Control Devices - Part 3: Traffic Control for Works on Roads and the RMS's Traffic Control at Work Sites, and is to be implemented as such by RMS-accredited persons. The plan may be altered on-site, signed and dated by a RMS-accredited person, who then becomes responsible for the implementation of the changed plan.

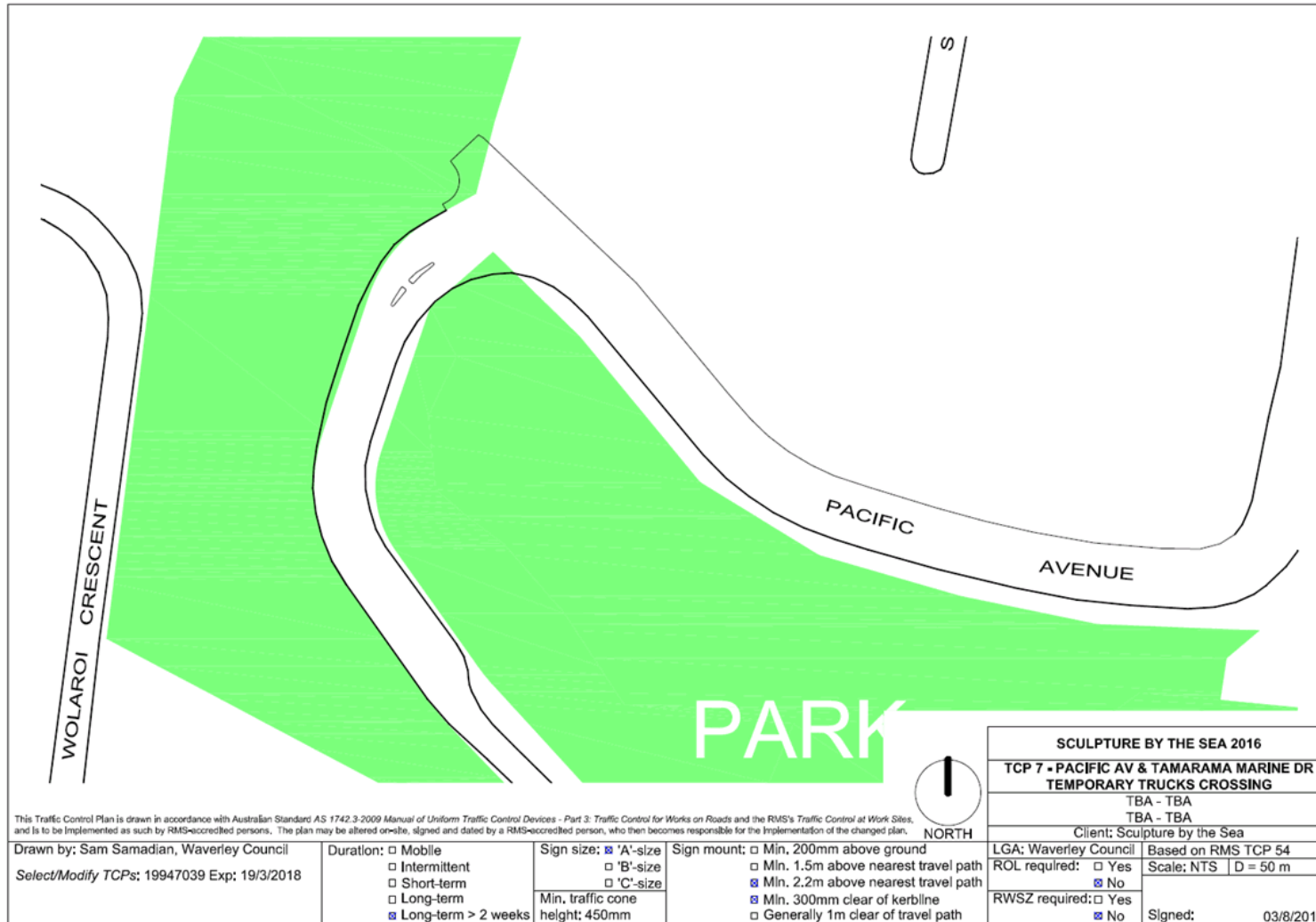
Drawn by: Sam Samadian, Waverley Council
 Select/Modify TCPs: 19947039 Exp: 19/3/2018

| | | |
|--|--|--|
| Duration: <input type="checkbox"/> Mobile <input type="checkbox"/> Intermittent <input type="checkbox"/> Short-term <input type="checkbox"/> Long-term <input checked="" type="checkbox"/> Long-term > 2 weeks | Sign size: <input checked="" type="checkbox"/> 'A'-size <input type="checkbox"/> 'B'-size <input type="checkbox"/> 'C'-size Min. traffic cone height: 450mm | Sign mount: <input type="checkbox"/> Min. 200mm above ground <input checked="" type="checkbox"/> Min. 1.5m above nearest travel path <input checked="" type="checkbox"/> Min. 2.2m above nearest travel path <input checked="" type="checkbox"/> Min. 300mm clear of kerbline <input type="checkbox"/> Generally 1m clear of travel path |
|--|--|--|









REPORT
TC/TEAC.01/16.08

Subject: Murray Street, Bronte - Adjustment to Kerbside Traffic Island

TRIM No.: A03/0042-04

Author: Kyle Wells, Traffic Engineer

Director: Emily Scott, Director, Waverley Renewal

COUNCIL OFFICER'S PROPOSAL:

That:

1. No objections be raised to the alteration to the shape of the existing kerb blister adjacent outside 30 Murray Street, Bronte, as shown in concept in the report to accommodate bus movements to STA bus stop No.202453.
2. Detailed drawings of the changes to the island and associated adjustments to line marking be referred back to a future meeting of the Traffic Committee.

1. Executive Summary

This item is submitted to the Committee for engineering advice on the possible alteration of a kerb blister adjacent to 30 Murray Street, Bronte. Council does not need to exercise its delegated functions.

2. Introduction/Background

The kerb side blister located on the northern side of Murray Street outside No. 30 was installed in 1994 after consideration by the Murray Street working party, the Waverly Traffic Committee and Council. It forms part of a Local Area Traffic Management (LATM) scheme on Murray Street. This is one of four kerb blisters installed on the approach/departure to the low point on Murray Street.

The purpose of the blister is to narrow the carriageway width and effect a reduction of vehicle speeds on Murray Street and provide enhanced delineation for motorists. The blister islands form the end points of an E1 edgeline delineation of the carriageway through the low point of Murray Street.

3. Technical Analysis

The island at 30 Murray Street is semi-circular in shape and is located between the driveway access of No. 28 and No. 30 Murray Street. The distance between the wings of the driveways is 6 m. The blister reduces the width of the travel lane to 3.55 m at this point.

In order to access the bus stop outside 30A Murray Street, 12.5 m-long STA buses require 24 m to draw in parallel to the kerb. It should be noted that this distance is measured from an obstruction, such as a parked vehicle, which is considered to be 2.1 m from the face of the kerb.

In this instance the blister extends 3.2 m out from the face of kerb requiring buses to commence the draw in movement further into the carriageway. This results in buses accessing the stop at an angle resulting in the tail of the vehicle protruding and creating a gap between the kerb and the entry/exit to the bus.

The proposal is to reduce the width of the island to 2.1 m (measured from the face of kerb) which will improve access to the bus stop and allow buses to draw in effectively. A concept of the altered shape of the blister is shown below.



Figure 1. Kerbside island at 30 Murray Street

4. Financial Information for Council's Consideration

No impact on Council's budget at this stage.

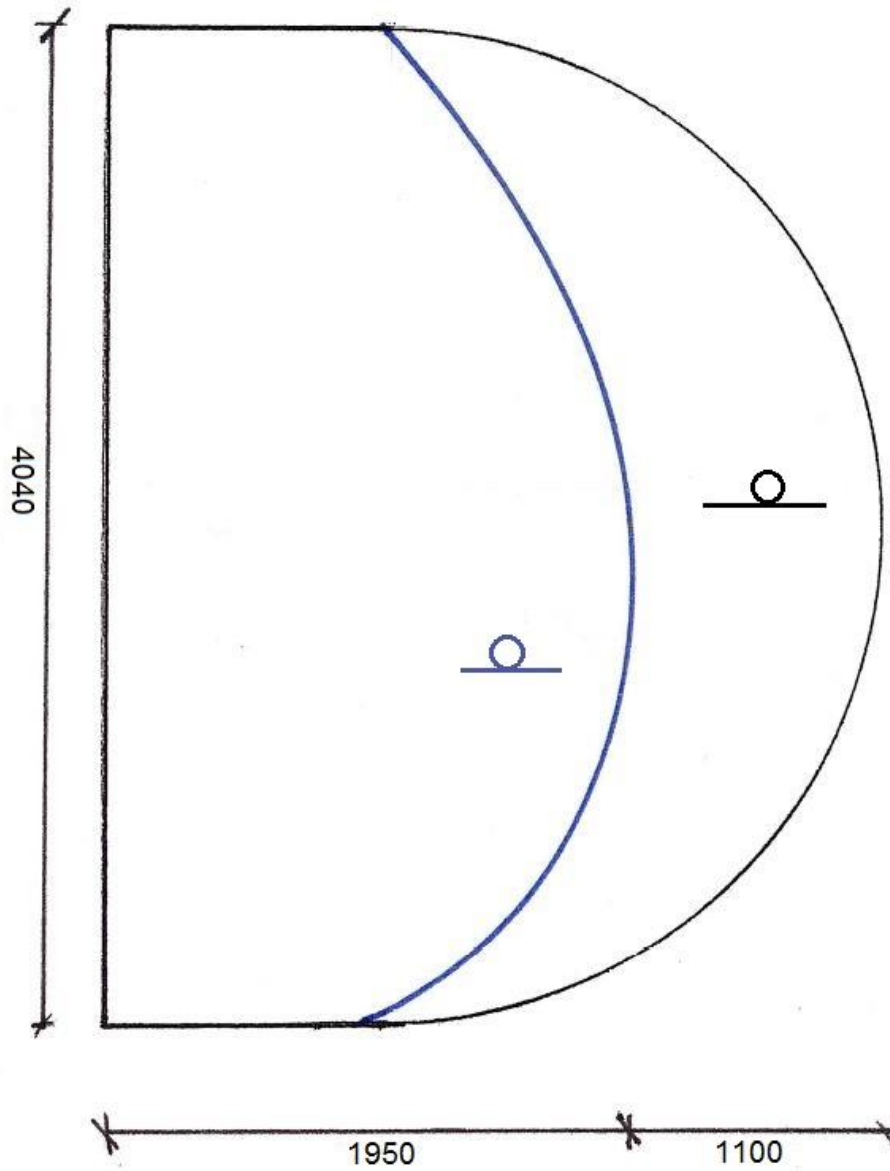


Figure 2. Proposed alteration to kerb blister

5. Attachments

Nil.