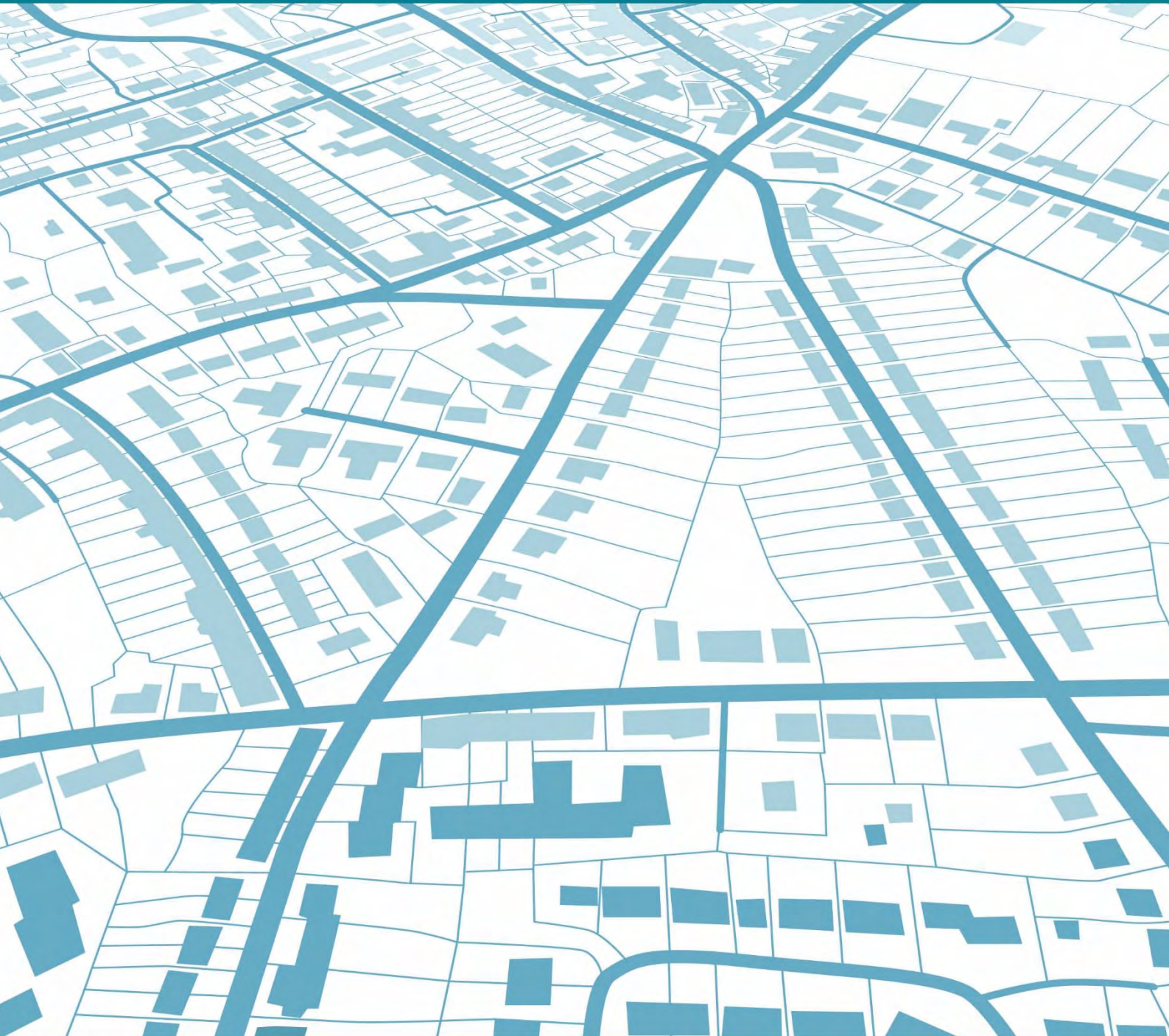




60 & 62 Beaconsfield Street & 7, 9, 11 & 13 Queens Parade, Newport

Proposed Residential Development Traffic and Transport Assessment

Ref: 19207

Date: November 2019

Issue: B

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1.0 Introduction

This report has been prepared to accompany a Development Application to Northern Beaches Council for a proposed residential development at 60 & 62 Beaconsfield Street and 7, 9, 11 & 13 Queens Parade, Newport (Figure 1).

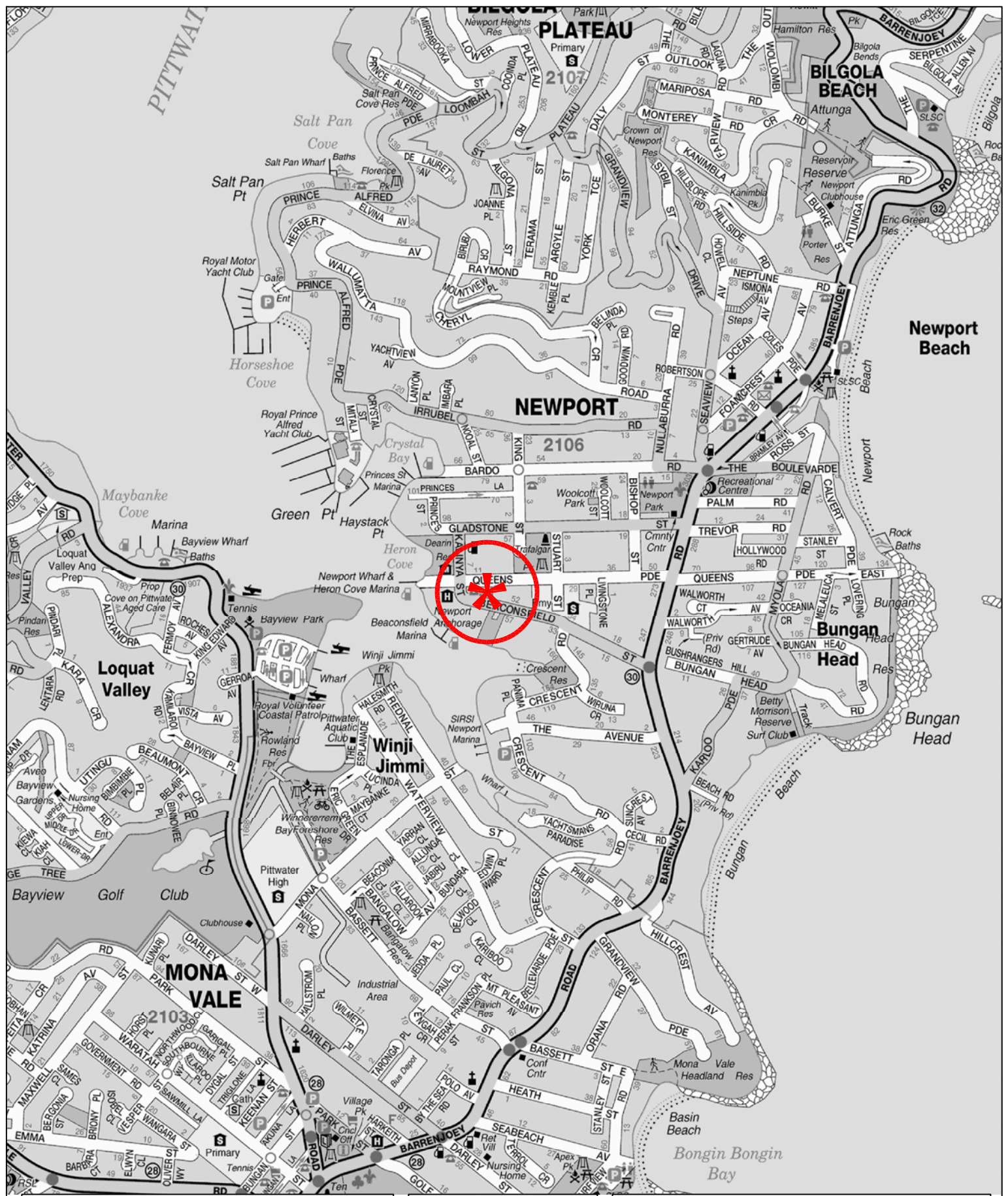
Newport is a consolidating seaboard suburb which has retail and entertainment facilities with ready access provided by Beaconsfield Street and Queens Parade. As such, the development site is conveniently located in relation to public transport services. These desirable circumstances together with the seaside location are acting to encourage and provide for residential development.

The proposed development will comprise:

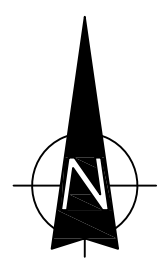
- * 18 townhouses
- * ground-level and basement parking

The purpose of this report is to:

- * describe the site and the proposed development scheme
- * describe the road network serving the site and the prevailing traffic conditions
- * assess the potential traffic implications
- * assess the adequacy of the proposed parking provision
- * assess the suitability of the proposed vehicle access, internal circulation and servicing arrangements



LEGEND



LOCATION

FIG 1

2.0 Proposed Development Scheme

2.1 Site, Context, and Existing Circumstances

The development site (Figure 2) is a consolidation of Lot 2 DP 164259, Lots 3A & 3B of DP 164259, Lots 4A & 4B of DP 159498, Lots 5A & 5B of DP 158658, Lot 6 DP 1096088 and SP 67704. The site occupies a total area of some 3,928m² with a frontage of 81m to the southern side of Queens Parade and a frontage of 62m to the northern side of Beaconsfield Street.

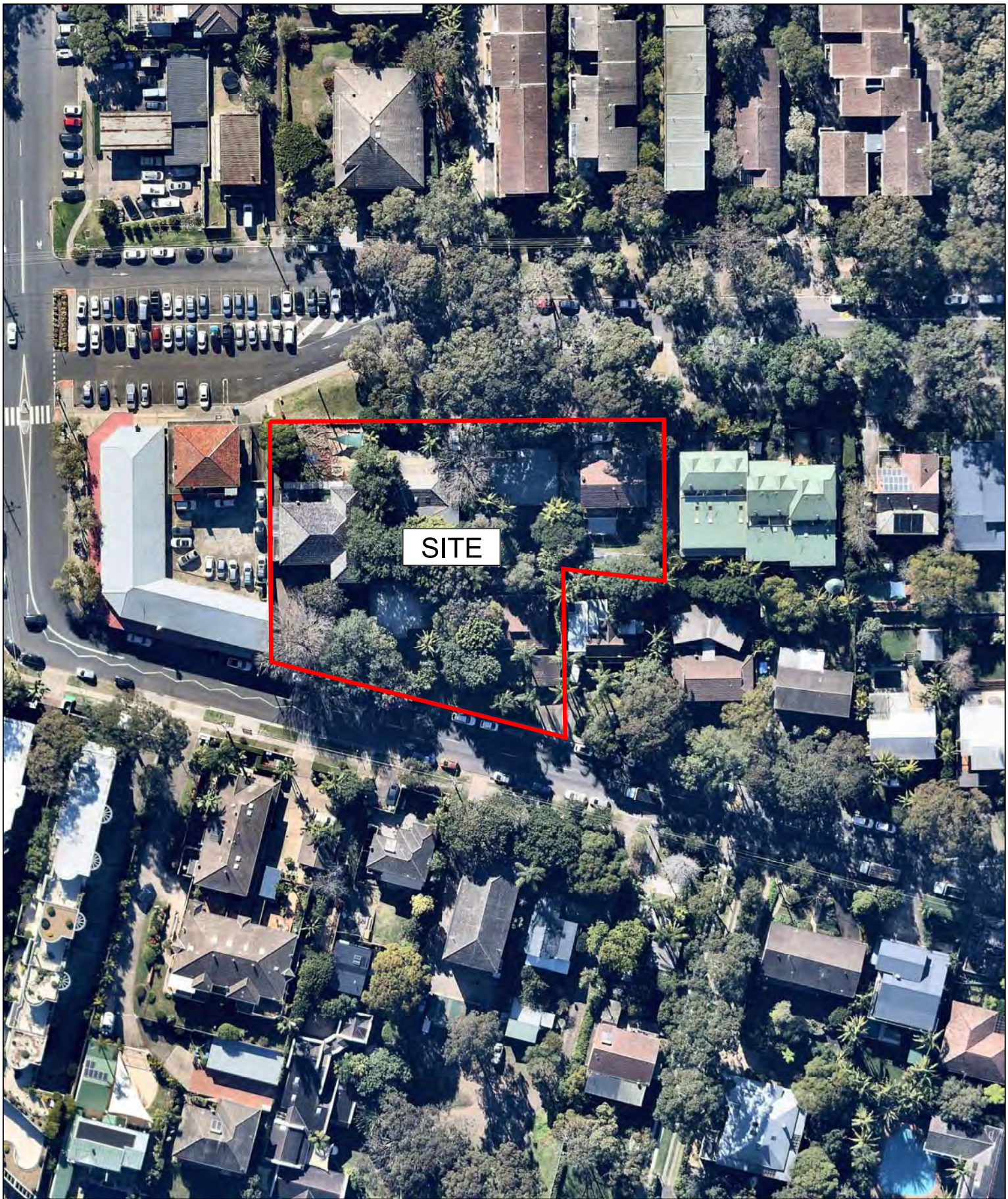
The site is located adjacent to the Newport town centre which contains retail, commercial and restaurant uses etc extending along both sides of Beaconsfield Street, Queens Parade and Kalinya Street. The site, which is adjoined by street front shops and offices/residential flat above to the west and various low and medium density residential developments to the north, south and east. The site is currently occupied by 5 single dwellings, a 40-place childcare centre and 2 x 2-bedroom dwellings and has a total of 4 driveway accesses on the Queens Parade and Beaconsfield Street frontages.

2.2 Proposed Development

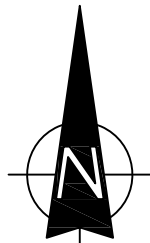
It is proposed to demolish the existing buildings and excavate the site to provide for ground-level and basement parking and a level building platform. The proposed development will comprise 18 x three-bedroom townhouses. Car parking for 43 cars will be provided in ground and basement levels with accesses via:

- Queens Street near the north-eastern site boundary
- Beaconsfield Street near the south-eastern site boundary.

Details of the proposed development are provided on the plans prepared by Nettleton Tribe Architects, which accompany the Development Application and are reproduced in Appendix A.



LEGEND



SITE

FIG 2

3.0 Road Network and Traffic Conditions

3.1 Road Network

The road network serving the area (Figure 3) comprises:

- * *Barrenjoey Road* – a State Road and arterial route providing the major link between Palm Beach and Mona Vale then to the City
- * *The Boulevarde, Seaview Avenue and Bardo Road etc* – a system of minor collector routes serving the Newport area
- * *Foamcrest Avenue* – a local road running parallel and to the west of Barrenjoey Road providing access to the western side of the Newport shopping strip
- * *Queens Parade* – a local access cul-de-sac connecting between Barrenjoey Road and Newport Wharf.
- * *Beaconsfield Street/Kalinya Street* – a local access road connecting between Barrenjoey Road and Gladstone Street.

Both Queens Parade and Beaconsfield Street are relatively straight along the site frontages and have descending alignment towards the west. Queens Parade and Beaconsfield Street have 10m and 12m-wide carriageways respectively, providing one through lane of traffic and unrestricted kerbside parallel parking in each direction in the vicinity of the site.

3.2 Traffic Controls

The traffic controls which have been applied to the road system serving the area (Figure 4) comprise:

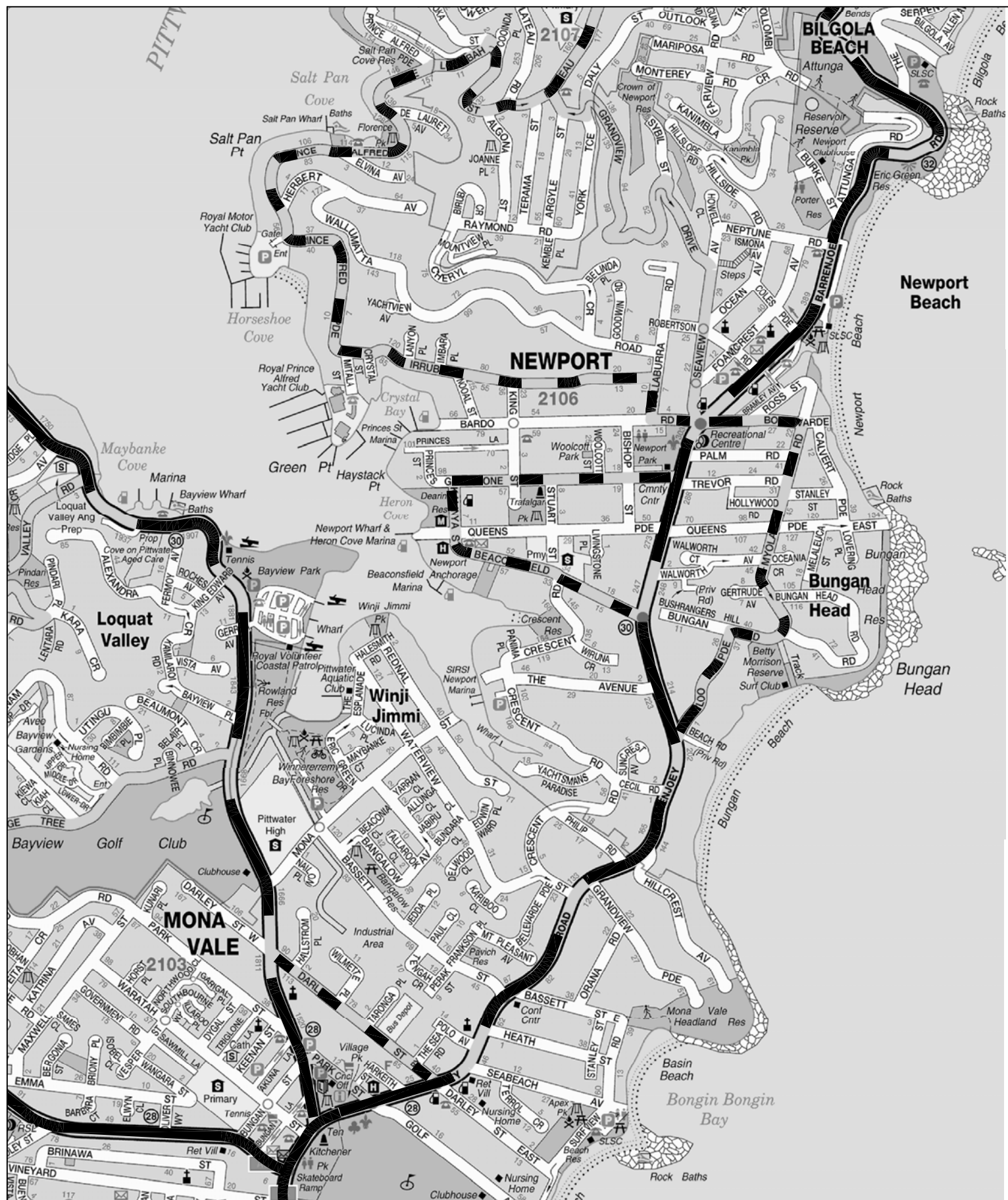
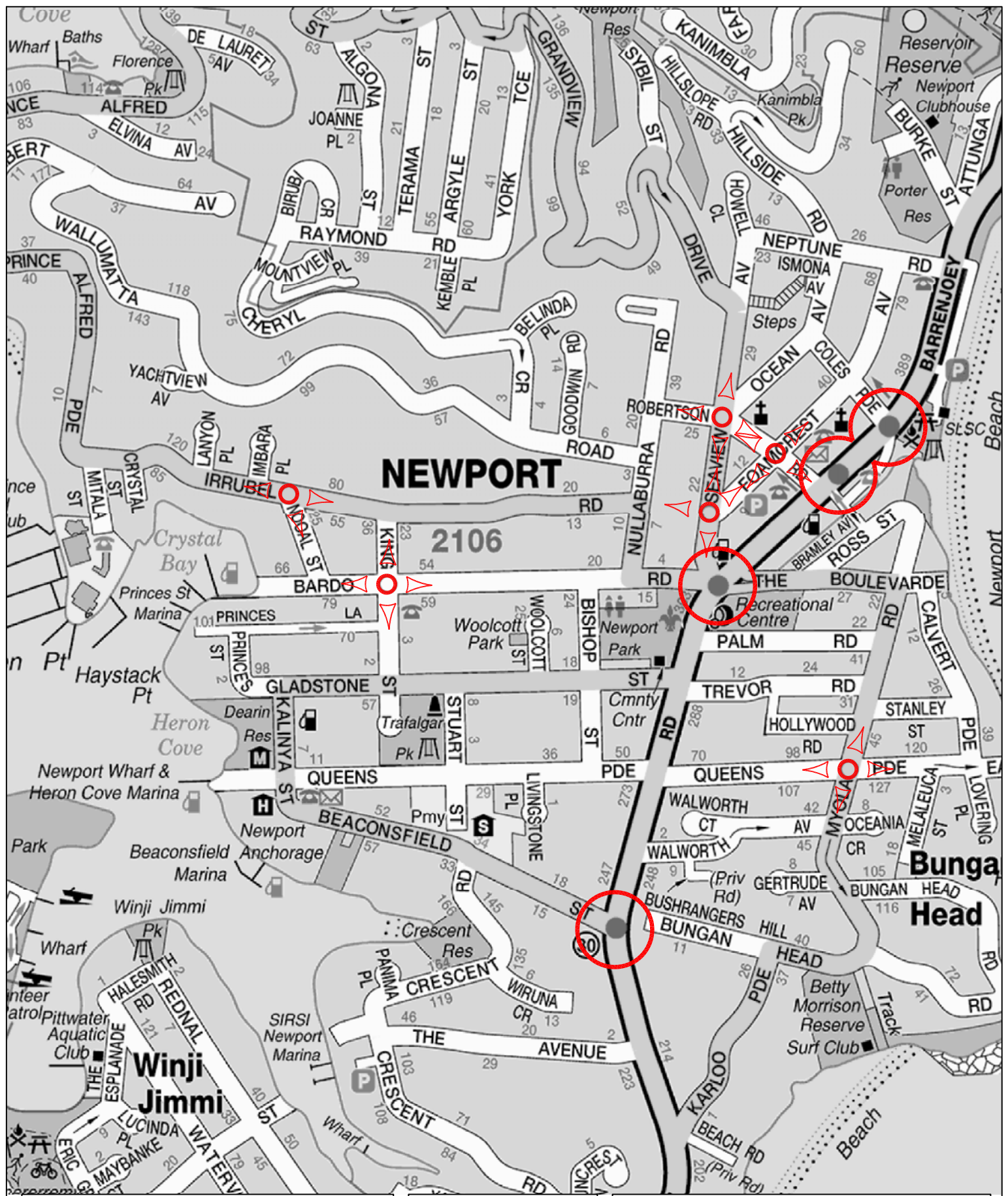
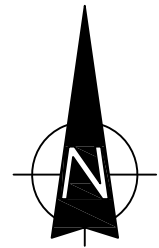


FIG 3



LEGEND

-  TRAFFIC SIGNAL CONTROL
-  ROUNDABOUT
-  RESTRICTED TURNING MOVEMENT



**TRAFFIC
CONTROLS**

FIG 4

- * the raised pedestrian crossings on Queens Parade and Beaconsfield Street
- * the traffic control signals at the intersections of:
 - Barrenjoey Road/ Bardo Road/ The Boulevard and Seaview Avenue
 - Barrenjoey Road/ Beaconsfield Street
- * the central median island along Barrenjoey Road
- * the stop sign control at the intersection of Stuart Street/Queens Parade
- * the give-way sign control at the intersections of:
 - Barrenjoey Road/Queens Parade
 - Barrenjoey Road/Gladestone Street
 - Kalinya Street/Queens Parade
- * Bus zones are currently located on the northern and southern sides of Beaconsfield Street within easy walking distance (180m) of the development site.
- * the 50 kmph speed restriction on the road system with 40 kmph school restriction along Queens Parade and Beaconsfield Street near the Newport Public School

3.3 Traffic Conditions

Observations of traffic activity in the vicinity of the development site during morning peak period reveal some queuing occurs at times along Beaconsfield Street as a consequence of the school traffic flows. Traffic flow along Queens Parade at the site frontage indicated relatively free-flowing conditions even during the morning and afternoon peak periods, being largely limited to local residential and commercial/retail access movements.

Traffic conditions in the area are controlled by the various priority-controlled and signal-controlled facilities. Regular gaps are available in both the Queens Parade and

Beaconsfield Street traffic flows for vehicles to enter and exit the site.

3.4 Transport Services

The site is considered to be well serviced by public transport. The site is located within 170 metres to a wide range of local bus services. Bus routes 151, 188, 199 and L90 operate along Beaconsfield Street, providing connections to Mona Vale, Palm Beach, Manly and the CBD.

Details of the available public transport services are provided in Appendix B.

4.0 Parking

Council's off-street parking criteria specifies minimum parking provisions in relation to the proposed residential development:

2 bedrooms or more dwelling	2 spaces per dwelling
Adaptable dwelling	1 space per adaptable dwelling (inclusive)
Accessible space	3% of the parking requirements (inclusive)
Visitors	1 space per 3 dwellings
10 or more dwellings	1 vehicle wash bay

Application of these criteria indicates a minimum provision of:

18 x three-bedroom townhouses (including 9 adaptable units)	36 spaces including 9 adaptable spaces 6 visitor spaces including 2 accessible spaces 1 vehicle wash bay
---	--

It is proposed to provide a total of 43 spaces with the following breakdown:

- 16 spaces (8 double garages) and 4 visitor spaces (including 1 accessible visitor space) in the basement level with vehicle access via Queens Parade.
- 20 spaces (7 double garages and 3 single (stacked parking) garages) and 3 visitor spaces (including 1 accessible visitor space) in the ground level with vehicle access via Beaconsfield Street.

The above car parking provision is in accordance with Council's requirements. Such provision will ensure that the parking demand will be fully accommodated on the site and to minimise reliance on the on-street car parking spaces along Queens Parade and Beaconsfield Street.

5.0 Traffic

An indication of the potential traffic generation of the proposed development is provided by the RMS Development Guidelines which specifies a generation rate for medium density residential dwellings of 0.5 vtpd per dwelling in the AM peak and 0.65 vtpd in the PM peak. Application of these criteria to the development scheme with 18 townhouses would indicate a total generation during the peak traffic periods of:

AM	PM
9 vtpd	12 vtpd

The above traffic generation will be distributed in the following manner:

Site Access	AM Peak		PM Peak	
	Inbound	Outbound	Inbound	Outbound
Queens Parade access	1	3	4	1
Beaconsfield Street access	1	4	6	1
Total	2	7	10	2

The existing developments on the site generate 34 - 38 vtpd during the peak periods as shown below:

- 5 single dwellings: 5 vtpd
- 2 x 2-bedroom dwellings: 1 vtpd
- 40-place childcare centre: 28 – 32 vtpd

Therefore, the proposed development will result in a net decrease in traffic generation of 25 and 26 vtpd in the AM and PM periods respectively. In addition, the minor traffic movements will not present any adverse conflict, capacity, or safety implications particularly given the two site accesses.

6.0 Access, Internal Circulation and Servicing

6.1 Access

The proposed vehicle access arrangements to the development will comprise 2 combined ingress/egress driveways on the Queens Parade and Beaconsfield Street frontages. The proposed vehicle access arrangements include:

- * Queens Parade: A single 3m wide, combined ingress/egress driveway for carpark access (up to B99 cars) for 8 townhouses.
- * Beaconsfield Street: A single 3m wide, combined ingress/egress driveway for carpark access (up to B99 cars) for 10 townhouses.

The single lane two-way vehicle accesses are sufficient and adequate due to the following:

- * The design of the single lane vehicle access is generally in accordance with Clause 3.2.2 of Australian Standard 2890.1 – 2004 where:
 - the driveways are Category 1 access driveways.
 - the frontage roads (Queens Parade and Beaconsfield Street) are local streets.
 - the proposed development will generate no more than 12 vtp/h (less than 30 vtp/h) during the peak hours.
- * In addition to the very low traffic generation, due to the residential nature of the development, vehicles will generally depart in the morning and return in the evening. As such, the likelihood of concurrent movement of vehicles in the driveways is very low.
- * The reduced levels towards the west of Queens Parade allow the visibility for the entering vehicle on the exiting vehicles.
- * In the very rare event of a concurrent movement, the entering vehicle will wait

momentarily along the outer edge of the lane to allow a vehicle to exit. The widths of Queens Parade and Beaconsfield Street of 10m and 12m-wide respectively, will allow vehicles behind the waiting vehicle to overtake easily and safely.

- * The proposed straight driveway provides sufficient sight distance for entering and exiting vehicles on Queens Parade.
- * The single lane two-way vehicle access provision is consistent with other medium-density residential developments along Queens Parade in the close vicinity of the site. These developments include 6-14 Queens Parade and the driveways have traditionally functioned satisfactorily and safely.

These driveways comply with the design requirements of AS2890.1 & 2 and will accommodate the vehicle access needs of the relevant elements of the development. Convex mirrors will be installed within the site and the site accesses, assisting in extending sightlines and visibility for the existing vehicle to the entering vehicles.

The proposed ingress and egress manoeuvring arrangements at these driveways will be satisfactory as confirmed by the turning path assessment for B85 and B99 cars for which is provided in Appendix C.

The proposed car park management plan will involve the use of a stop and go light (at the site access) and warning light (within the carpark) systems, to ensure safety and functionality of the car park at all times by ensuring no more than 1 vehicle will be on the ramps at any one time. Vehicle loop detector will be installed at the top and bottom of the ramps to activate the stop and go/warning lights for visitors' vehicles. The stop and go/warning lights will be activated via RFID/remote control by the entering and exiting resident/tenant vehicles.

Such systems are common in residential and commercial car park developments to control one-way at a time operation of the internal circulation lane where low traffic volumes are present. The proposed stop and go light and warning light system layouts

are provided in Appendix D. The traffic signal system would be programmed to give priority to entering the vehicle(s) at all times.

The car park management plan will include user induction and training requirements/ procedures that would be implemented by building management. The plan is needed to communicate the appropriate use of the stop and go light/warning lights to users. This plan is intended to be refined and implemented by the strata/ building management once appointed, to ensure the car parking area operates efficiently and users of the car park are aware of operation and priority protocols.

Queens Parade and Beaconsfield Street are relatively straight at the driveway locations where there are excellent sight distances available for exiting vehicles. The existing regular gaps in the traffic flow along Queens Parade and Beaconsfield Street will continue to allow vehicles to ingress and egress the proposed driveways without any undue difficulty and delay.

The 3 existing redundant crossovers along Queens Parade and Beaconsfield Street will be removed with kerb invert be reinstated to match adjacent footpath and kerbing.

6.2 Internal Circulation

The proposed internal circulation arrangement has been designed in accordance with Australian Standards AS2890. Parking bays are a minimum of 2.4 x 5.4 metres while the aisles are a minimum of 6.1 metres wide to walls/structures. There will be adequate manoeuvring areas and details of this provision are demonstrated by the swept path assessment provided in Appendix C.

6.3 Servicing

Consistent with the current arrangement, refuse collection will continue to occur on-street along the site's southern kerb frontage on Queens Parade and Beaconsfield Street, with bins to be wheeled to the kerbside for collection. All loading activities related to deliveries, courier activity, maintenance, etc. can be reliant on the available on-street parking in the vicinity of the site.

7.0 Conclusion

A Development Application is to be submitted to Northern Beaches Council for a proposed residential development at 60 & 62 Beaconsfield Street and 7, 9, 11 & 13 Queens Parade in Newport. The traffic, transport and parking assessment provided in this report confirm that the development will:

- * not present any unsatisfactory traffic capacity, safety or environmental related implications
- * incorporate a suitable and appropriate parking provision
- * incorporate suitable vehicle access, internal circulation and servicing arrangements
- * make appropriate provision for servicing.

Appendix A

Development Plans



Builder and/or subcontractors shall verify all project dimensions before commencing on-site work or off-site fabrication. Figured dimensions shall take precedence over scaled dimensions. This drawing is copyright and cannot be reproduced in whole or in part or by any medium without the written permission of Nettleton Tribe Partnership Pty Ltd.

nettletontribe

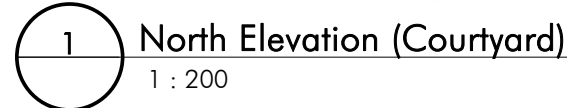
nettleton tribe partnership Pty Ltd ABN 58 161 683 122

117 Willoughby Road, Crows Nest, NSW 2065
t +61 2 9431 6431
e: sydney@nettletontribe.com.au w: nettletontribe.com.au

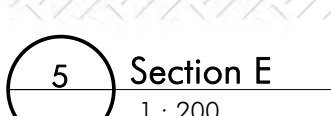
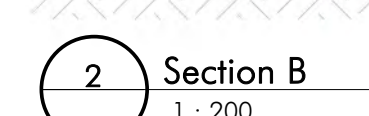
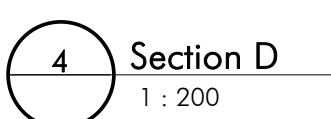


1. BOARD FORMED CONCRETE
2. SMOOTH OFF FORM CONCRETE
3. DARK VERTICAL NON-COMBUSTIBLE CLADDING
4. DARK VERTICAL SCREEN
5. VISION GLASS WINDOW
6. RECYCLE BRICK
7. DARK METAL FENCING
8. CONCRETE BREEZE BLOCK
9. DARK PERGOLA
10. DARK PANEL LIFT GARAGE DOOR

nettleton tribe partnership Pty Ltd ABN 58 161 683 122
117 Willoughby Road, Crows Nest, NSW 2065
t +61 2 9431 6431
e: sydney@nettletontribe.com.au w: nettletontribe.com.au



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5. VISION GLASS WINDOW
6. RECYCLE BRICK
7. DARK METAL FENCING
8. CONCRETE BREEZE BLOCK
9. DARK PERGOLA
10. DARK PANEL LIFT GARAGE DOOR



Appendix B

Public Transport Provision

How to use this timetable

This timetable provides a snapshot of service information in 24-hour time (e.g. 5am = 05:00, 5pm = 17:00). Information contained in this timetable is subject to change without notice. Please note that timetables do not include minor stops, additional trips for special events, short term changes, holiday timetable changes, real-time information or any disruption alerts.

For the most up-to-date times, use the Trip Planner or Departures on transportsw.info

Real-time planning

You can plan your trip with real-time information using the Trip Planner or Departures on transportsw.info or by downloading travel apps on your smartphone or tablet.

The Trip Planner, Departures and travel apps offer various features:

- favourite your regular trips
- see where your service is on the route
- get estimated pick up and arrival times
- receive service updates
- find nearby stations, stops, wharves and routes
- check accessibility information

Find the latest apps at transportsw.info/apps

Accessible services

All new buses are wheelchair-accessible with low-level floors and space for wheelchairs, prams or strollers. Look for the  symbol in this timetable. Some older buses may not have all the features you need. There will be more accessible services as older buses are replaced.

Who is providing my bus services?

The bus services shown in this timetable are run by State Transit.

Fares

In Sydney and surrounding regions, fares are based on:

- the distance you travel from tap on to tap off
- the mode of transport you choose
- whether you're eligible for a concession fare or free travel
- any Opal benefits such as discounts and capped fares that apply

You can use an Opal card or a contactless payment to pay for your travel.

Opal cards

An Opal card is a smartcard you keep and reuse. Add value before you travel and tap on and tap off to pay your fares throughout Sydney, the Blue Mountains, Central Coast, the Hunter and the Illawarra.

Which Opal card is right for you?

Adult - Customers 16 years and over who are not entitled to any concessions and normally pay full fare.

Child/Youth - For customers aged 4-15 (inclusive), or customers 16 years or older who hold a NSW/ACT Senior Secondary Student Concession Card.

Gold Senior/Pensioner - For eligible NSW and interstate seniors, pensioners, war widows/ers and asylum seekers.

Concession - For eligible tertiary students, job seekers, apprentices and trainees.

How to get an Opal card

You can get an Adult or Child/Youth Opal card over the counter at Opal retailers that display the Opal sign . To find your nearest retailer visit transportsw.info/opal.

If you are eligible to travel with concession fares you can apply for a Gold Senior/Pensioner or Concession Opal card online. Visit transportsw.info/opal for more information.

Contactless payments

If you have an American Express, Mastercard, Visa card or linked device, you can use it to pay for all public transport on the Opal network. Just make sure to tap on and tap off at Opal readers at the beginning and end of your trip.

Always separate your cards when you tap on and tap off so your preferred card is charged.

You will receive the same travel benefits of an Adult Opal card when you tap on and tap off consistently with the same credit card, debit card or linked device. This includes daily, weekly and Sunday travel caps, and a \$2 transfer discount when you change between metro/train, ferry, bus or light rail services within 60 minutes. Adult Opal fare pricing applies.

Find out more at transportsw.info/contactless

Explanation of definitions and symbols

	Wheelchair Accessible
M	Monday only
P	Picks up passengers only
T-F	Tuesday, Wednesday, Thursday, Friday only
ThF	Thursday, Friday only
F	Friday only
	Drops off passengers only

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PrePay-Only - City QVB to Mona Vale

B

Valid from: 14 Oct 2019

Creation date: 25 Oct 2019

NOTE: Information is correct on date of download.

Monday to Friday									
Day Restrictions	M	T-F			ThF		ThF		F
QVB, York St, Sydney	04:50	04:50	00:20	00:50	01:20	01:50	02:20	02:50	03:20
Wynyard Station, Carrington St, Sydney	04:56	04:56	00:25	00:55	01:25	01:55	02:25	02:55	03:25
Wynyard Station, Carrington St, Sydney	04:58	04:58	00:27	00:57	01:27	01:57	02:27	02:57	03:27
North Sydney Station	05:04	05:04	00:33	01:03	01:33	02:03	02:33	03:03	03:33
Falcon St at Bardsley Gdns, North Sydney	05:07	05:07	00:35	01:05	01:35	02:05	02:35	03:05	03:36
Military Rd opp Watson St, Neutral Bay	05:09	05:09	00:36	01:06	01:36	02:06	02:36	03:06	03:38
Neutral Bay Junction, Military Rd, Neutral Bay	05:10	05:10	00:37	01:07	01:37	02:07	02:37	03:07	03:39
Military Rd opp Holt Ave, Cremorne	05:12	05:12	00:39	01:09	01:39	02:09	02:39	03:09	03:41
Spit Junction B-Line, Mosman	05:16	05:16	00:42	01:12	01:42	02:12	02:42	03:12	03:44
Sydney Rd at Condamine St, Balgowlah	05:27	05:27	00:53	01:23	01:53	02:23	02:53	03:23	03:53
Manly Vale B-Line, Manly Vale	05:40	05:40	01:06	01:36	02:06	02:36	03:06	03:36	04:06
Warringah Mall, Pittwater Rd, Brookvale	05:43	05:43	01:09	01:39	02:09	02:39	03:09	03:39	04:09
Pittwater Rd at Old Pittwater Rd, Brookvale	05:45	05:45	01:11	01:41	02:11	02:41	03:11	03:41	04:11
Dee Why B-Line, Dee Why	05:49	05:49	01:15	01:45	02:15	02:45	03:15	03:45	04:15
Collaroy B-Line, Collaroy	05:55	05:55	01:20	01:50	02:20	02:50	03:20	03:50	04:21
Narrabeen B-Line, Narrabeen	05:59	05:59	01:24	01:54	02:24	02:54	03:24	03:54	04:24
Mona Vale B-Line, Mona Vale	06:06	06:06	01:30	02:00	02:30	03:00	03:30	04:00	04:30
Darley St after Taronga Pl, Mona Vale	-	-	-	02:02	-	03:02	-	-	-
Monday to Friday									
QVB, York St, Sydney	03:50								
Wynyard Station, Carrington St, Sydney	03:55								
Wynyard Station, Carrington St, Sydney	03:57								
North Sydney Station	04:03								
Falcon St at Bardsley Gdns, North Sydney	04:05								
Military Rd opp Watson St, Neutral Bay	04:06								
Neutral Bay Junction, Military Rd, Neutral Bay	04:07								
Military Rd opp Holt Ave, Cremorne	04:09								
Spit Junction B-Line, Mosman	04:12								
Sydney Rd at Condamine St, Balgowlah	04:23								
Manly Vale B-Line, Manly Vale	04:36								
Warringah Mall, Pittwater Rd, Brookvale	04:39								
Pittwater Rd at Old Pittwater Rd, Brookvale	04:41								
Dee Why B-Line, Dee Why	04:45								
Collaroy B-Line, Collaroy	04:51								
Narrabeen B-Line, Narrabeen	04:55								
Mona Vale B-Line, Mona Vale	05:02								

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PrePay-Only - City QVB to Mona Vale

B

Saturday	♿	♿	♿	♿	♿	♿	♿	♿	♿
QVB, York St, Sydney	04:50	00:20	00:50	01:20	01:50	02:20	02:50	03:20	03:50
Wynyard Station, Carrington St, Sydney	04:56	00:25	00:55	01:25	01:55	02:25	02:55	03:25	03:55
Wynyard Station, Carrington St, Sydney	04:58	00:27	00:57	01:27	01:57	02:27	02:57	03:27	03:57
North Sydney Station	05:04	00:33	01:03	01:33	02:03	02:33	03:03	03:33	04:03
Falcon St at Bardsley Gdns, North Sydney	05:07	00:36	01:06	01:36	02:06	02:36	03:06	03:36	04:06
Military Rd opp Watson St, Neutral Bay	05:09	00:38	01:08	01:38	02:08	02:38	03:08	03:38	04:08
Neutral Bay Junction, Military Rd, Neutral Bay	05:10	00:39	01:09	01:39	02:09	02:39	03:09	03:39	04:09
Military Rd opp Holt Ave, Cremorne	05:12	00:40	01:10	01:40	02:10	02:40	03:10	03:40	04:10
Spit Junction B-Line, Mosman	05:16	00:43	01:13	01:43	02:13	02:43	03:13	03:43	04:13
Sydney Rd at Condamine St, Balgowlah	05:27	00:52	01:22	01:52	02:22	02:52	03:22	03:52	04:22
Manly Vale B-Line, Manly Vale	05:40	01:04	01:34	02:04	02:34	03:04	03:34	04:04	04:34
Warringah Mall, Pittwater Rd, Brookvale	05:43	01:07	01:37	02:07	02:37	03:07	03:37	04:07	04:37
Pittwater Rd at Old Pittwater Rd, Brookvale	05:45	01:09	01:39	02:09	02:39	03:09	03:39	04:09	04:39
Dee Why B-Line, Dee Why	05:49	01:13	01:43	02:13	02:43	03:13	03:43	04:13	04:43
Collaroy B-Line, Collaroy	05:55	01:21	01:51	02:21	02:51	03:21	03:51	04:21	04:51
Narrabeen B-Line, Narrabeen	05:59	01:26	01:56	02:26	02:56	03:26	03:56	04:26	04:56
Mona Vale B-Line, Mona Vale	06:06	01:32	02:02	02:32	03:02	03:32	04:02	04:32	05:02
Darley St after Taronga Pl, Mona Vale	-	-	02:04	-	-	-	-	-	-
Sunday & Public Holidays	♿	♿	♿	♿	♿	♿	♿	♿	♿
QVB, York St, Sydney	04:50	00:20	00:50	01:50	02:50	03:50			
Wynyard Station, Carrington St, Sydney	04:56	00:25	00:55	01:55	02:55	03:55			
Wynyard Station, Carrington St, Sydney	04:58	00:27	00:57	01:57	02:57	03:57			
North Sydney Station	05:04	00:33	01:03	02:03	03:03	04:03			
Falcon St at Bardsley Gdns, North Sydney	05:07	00:36	01:06	02:06	03:06	04:06			
Military Rd opp Watson St, Neutral Bay	05:09	00:38	01:08	02:08	03:08	04:08			
Neutral Bay Junction, Military Rd, Neutral Bay	05:10	00:39	01:09	02:09	03:09	04:09			
Military Rd opp Holt Ave, Cremorne	05:11	00:40	01:10	02:10	03:10	04:11			
Spit Junction B-Line, Mosman	05:14	00:43	01:13	02:13	03:13	04:14			
Sydney Rd at Condamine St, Balgowlah	05:23	00:52	01:22	02:22	03:22	04:23			
Manly Vale B-Line, Manly Vale	05:35	01:04	01:34	02:34	03:34	04:35			
Warringah Mall, Pittwater Rd, Brookvale	05:38	01:07	01:37	02:37	03:37	04:38			
Pittwater Rd at Old Pittwater Rd, Brookvale	05:40	01:09	01:39	02:39	03:39	04:40			
Dee Why B-Line, Dee Why	05:44	01:13	01:43	02:43	03:43	04:44			
Collaroy B-Line, Collaroy	05:52	01:21	01:51	02:51	03:51	04:52			
Narrabeen B-Line, Narrabeen	05:57	01:26	01:56	02:56	03:56	04:56			
Mona Vale B-Line, Mona Vale	06:03	01:32	02:02	03:02	04:02	05:03			
Darley St after Taronga Pl, Mona Vale	-	-	02:04	03:04	-	-			

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PrePay-Only - Mona Vale to City

QVB

B

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Day Restrictions	ThF	ThF		ThF	ThF		ThF	F	
Darley St after Taronga Pl, Mona Vale	-	-	-	-	-	-	-	-	02:37
Pittwater Place Shopping Centre, Park St, Mona Vale	00:06	-	00:36	-	-	01:36	01:51	-	02:38
Mona Vale B-Line, Mona Vale	00:07	-	00:37	-	01:07	01:37	01:52	-	02:39
Narrabeen B-Line, Narrabeen	00:13	-	00:43	-	01:13	01:43	01:58	-	02:44
Collaroy B-Line, Collaroy	00:16	-	00:46	-	01:16	01:46	02:01	-	02:47
Dee Why B-Line, Dee Why	00:22	-	00:52	-	01:22	01:52	02:07	-	02:53
Pittwater Rd after Chard Rd, Brookvale	00:25	-	00:55	-	01:25	01:55	02:10	-	02:56
Warringah Mall, Pittwater Rd, Brookvale	00:27	00:44	00:57	01:17	01:27	01:57	02:12	02:29	02:58
Manly Vale B-Line, Manly Vale	00:30	00:47	01:00	01:20	01:30	02:00	02:15	02:32	03:01
Manly Wharf, Belgrave St (North), Manly	00:36	00:53	01:06	01:26	01:36	02:06	02:21	02:38	03:07
Sydney Rd before Condamine St, Balgowlah	00:39	00:56	01:09	01:29	01:39	02:09	02:24	02:41	03:10
Spit Junction B-Line, Mosman	00:48	01:05	01:18	01:38	01:48	02:18	02:33	02:50	03:19
Military Rd before Cabramatta Rd, Cremorne	00:52	01:09	01:22	01:42	01:52	02:21	02:36	02:53	03:22
Neutral Bay Junction, Military Rd, Neutral Bay	00:54	01:11	01:24	01:44	01:54	02:23	02:38	02:55	03:24
Military Rd near Watson St, Neutral Bay	00:55	01:12	01:25	01:45	01:55	02:24	02:39	02:56	03:25
Miller St at Pacific Hwy, North Sydney	00:59	01:16	01:29	01:49	01:59	02:28	02:43	03:00	03:29
Wynyard Station	01:05	01:22	01:35	01:55	02:05	02:34	02:49	03:06	03:35
QVB, York St, Stand E, Sydney	01:07	01:24	01:37	01:57	02:07	02:36	02:51	03:08	03:37

Monday to Friday	♿	♿
Day Restrictions	F	
Darley St after Taronga Pl, Mona Vale	-	03:35
Pittwater Place Shopping Centre, Park St, Mona Vale	-	03:36
Mona Vale B-Line, Mona Vale	-	03:37
Narrabeen B-Line, Narrabeen	-	03:42
Collaroy B-Line, Collaroy	-	03:45
Dee Why B-Line, Dee Why	-	03:51
Pittwater Rd after Chard Rd, Brookvale	-	03:54
Warringah Mall, Pittwater Rd, Brookvale	03:29	03:56
Manly Vale B-Line, Manly Vale	03:32	03:59
Manly Wharf, Belgrave St (North), Manly	03:38	04:05
Sydney Rd before Condamine St, Balgowlah	03:41	04:08
Spit Junction B-Line, Mosman	03:50	04:17
Military Rd before Cabramatta Rd, Cremorne	03:53	04:20
Neutral Bay Junction, Military Rd, Neutral Bay	03:55	04:22
Military Rd near Watson St, Neutral Bay	03:56	04:23
Miller St at Pacific Hwy, North Sydney	04:00	04:27
Wynyard Station	04:06	04:33
QVB, York St, Stand E, Sydney	04:09	04:36

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PrePay-Only - Mona Vale to City

QVB

B

Saturday

Beaconsfield St opp Queens Pde, Newport	00:02	-	-	-	-	-	-	-	-
Barrenjoey Rd before Darley St, Mona Vale	00:07	-	-	-	-	-	-	-	-
Darley St after Taronga Pl, Mona Vale	-	-	-	-	-	01:33	-	-	02:37
Pittwater Place Shopping Centre, Park St, Mona Vale	-	-	00:37	00:55	01:11	01:35	01:55	-	02:39
Mona Vale B-Line, Mona Vale	00:08	-	00:38	00:56	01:12	01:36	01:56	-	02:40
Narrabeen B-Line, Narrabeen	00:13	-	00:43	01:01	01:17	01:41	02:01	-	02:45
Collaroy B-Line, Collaroy	00:16	-	00:46	01:04	01:20	01:44	02:04	-	02:48
Dee Why B-Line, Dee Why	00:22	-	00:52	01:10	01:26	01:50	02:10	-	02:54
Pittwater Rd after Chard Rd, Brookvale	00:26	-	00:56	01:14	01:30	01:54	02:14	-	02:58
Warringah Mall, Pittwater Rd, Brookvale	00:28	00:43	00:58	01:16	01:32	01:56	02:16	02:31	03:00
Manly Vale B-Line, Manly Vale	00:31	00:46	01:01	01:19	01:35	01:59	02:19	02:34	03:03
Manly Wharf, Belgrave St (North), Manly	00:37	00:52	01:07	01:25	01:41	02:05	02:25	02:40	03:09
Sydney Rd before Condamine St, Balgowlah	00:41	00:56	01:11	01:29	01:45	02:09	02:29	02:43	03:12
Spit Junction B-Line, Mosman	00:50	01:05	01:20	01:38	01:54	02:18	02:38	02:52	03:21
Military Rd before Cabramatta Rd, Cremorne	00:52	01:07	01:22	01:40	01:56	02:20	02:41	02:55	03:24
Neutral Bay Junction, Military Rd, Neutral Bay	00:54	01:09	01:24	01:42	01:58	02:22	02:43	02:57	03:26
Military Rd near Watson St, Neutral Bay	00:55	01:10	01:25	01:43	01:59	02:23	02:44	02:58	03:27
Miller St at Pacific Hwy, North Sydney	00:59	01:14	01:29	01:47	02:03	02:27	02:48	03:02	03:31
Wynyard Station	01:05	01:20	01:35	01:53	02:09	02:33	02:54	03:08	03:37
QVB, York St, Stand E, Sydney	01:07	01:22	01:37	01:55	02:11	02:35	02:56	03:10	03:40

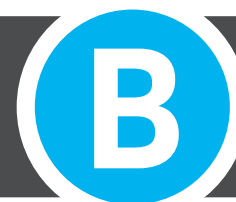
Saturday

Darley St after Taronga Pl, Mona Vale	-	03:35
Pittwater Place Shopping Centre, Park St, Mona Vale	-	03:36
Mona Vale B-Line, Mona Vale	-	03:37
Narrabeen B-Line, Narrabeen	-	03:42
Collaroy B-Line, Collaroy	-	03:45
Dee Why B-Line, Dee Why	-	03:51
Pittwater Rd after Chard Rd, Brookvale	-	03:54
Warringah Mall, Pittwater Rd, Brookvale	03:31	03:56
Manly Vale B-Line, Manly Vale	03:34	03:59
Manly Wharf, Belgrave St (North), Manly	03:41	04:05
Sydney Rd before Condamine St, Balgowlah	03:44	04:08
Spit Junction B-Line, Mosman	03:53	04:17
Military Rd before Cabramatta Rd, Cremorne	03:56	04:20
Neutral Bay Junction, Military Rd, Neutral Bay	03:58	04:22
Military Rd near Watson St, Neutral Bay	03:59	04:23
Miller St at Pacific Hwy, North Sydney	04:03	04:27
Wynyard Station	04:09	04:33
QVB, York St, Stand E, Sydney	04:12	04:36

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PrePay-Only - Mona Vale to City

QVB



Sunday & Public Holidays

Darley St after Taronga Pl, Mona Vale	-	01:35	02:37	03:37
Pittwater Place Shopping Centre, Park St, Mona Vale	-	01:36	02:38	03:38
Mona Vale B-Line, Mona Vale	00:37	01:37	02:39	03:39
Narrabeen B-Line, Narrabeen	00:42	01:42	02:44	03:44
Collaroy B-Line, Collaroy	00:45	01:45	02:47	03:47
Dee Why B-Line, Dee Why	00:51	01:51	02:53	03:53
Pittwater Rd after Chard Rd, Brookvale	00:54	01:54	02:56	03:56
Warringah Mall, Pittwater Rd, Brookvale	00:56	01:56	02:58	03:58
Manly Vale B-Line, Manly Vale	00:59	01:59	03:01	04:01
Manly Wharf, Belgrave St (North), Manly	01:06	02:06	03:08	04:07
Sydney Rd before Condamine St, Balgowlah	01:10	02:10	03:12	04:10
Spit Junction B-Line, Mosman	01:19	02:19	03:21	04:19
Military Rd before Cabramatta Rd, Cremorne	01:22	02:22	03:24	04:22
Neutral Bay Junction, Military Rd, Neutral Bay	01:24	02:24	03:26	04:24
Military Rd near Watson St, Neutral Bay	01:25	02:25	03:27	04:25
Miller St at Pacific Hwy, North Sydney	01:29	02:29	03:31	04:29
Wynyard Station	01:35	02:35	03:37	04:35
QVB, York St, Stand E, Sydney	01:37	02:37	03:39	04:38

Routes 151, E54, 188, E88, E89, L90, 199

B

Route E54 to Milsons Point

Picks up and sets down as requested at Mona Vale, Pittwater Park, Narrabeen, Collaroy, Dee Why, Warringah Mall, Kenneth Rd Manly Vale, Spit Jn and Neutral Bay Jn, then all stops.

Route E54 to Mona Vale

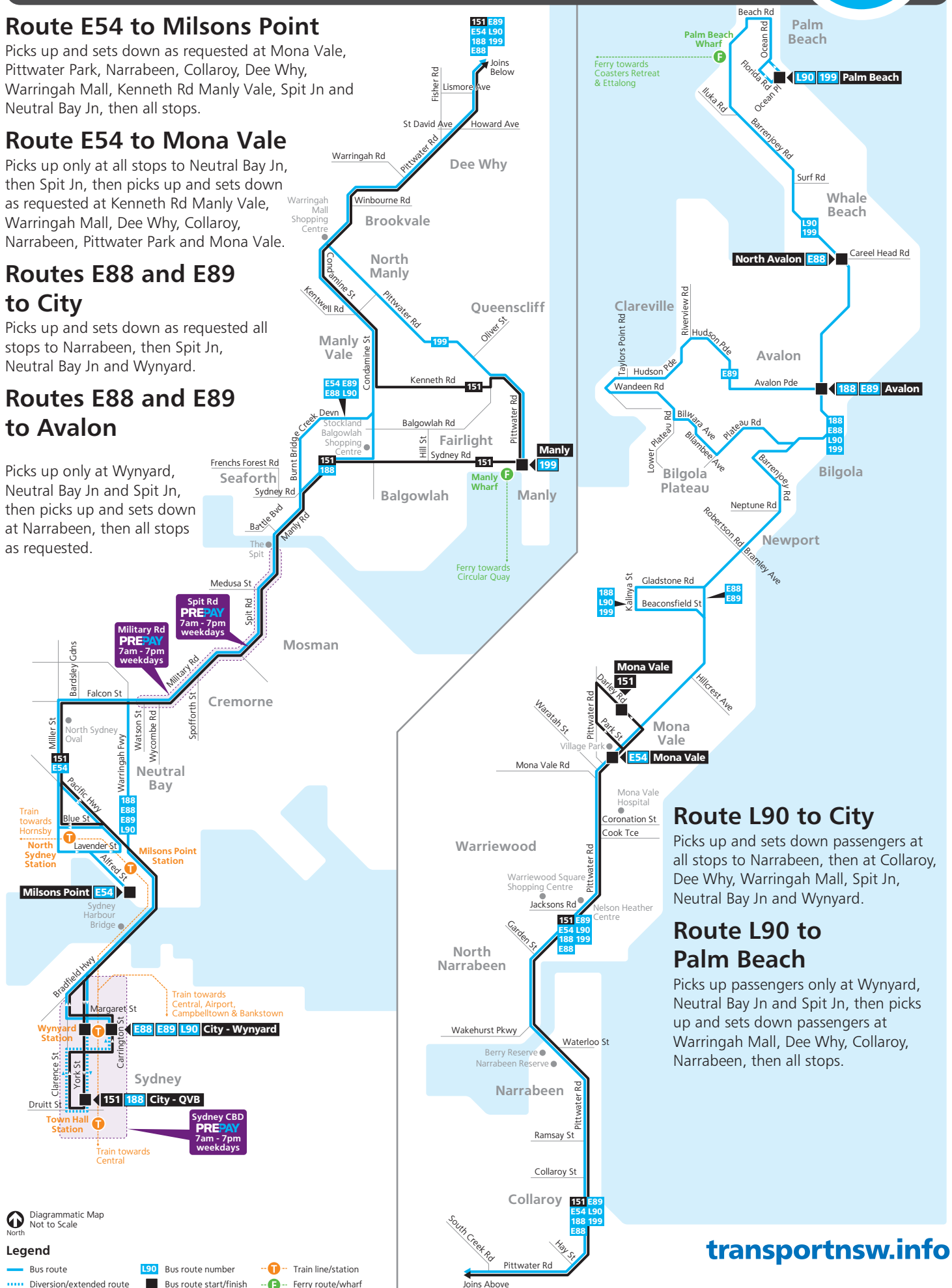
Picks up only at all stops to Neutral Bay Jn, then Spit Jn, then picks up and sets down as requested at Kenneth Rd Manly Vale, Warringah Mall, Dee Why, Collaroy, Narrabeen, Pittwater Park and Mona Vale.

Routes E88 and E89 to City

Picks up and sets down as requested all stops to Narrabeen, then Spit Jn, Neutral Bay Jn and Wynyard.

Routes E88 and E89 to Avalon

Picks up only at Wynyard, Neutral Bay Jn and Spit Jn, then picks up and sets down at Narrabeen, then all stops as requested.



Route L90 to City

Picks up and sets down passengers at all stops to Narrabeen, then at Collaroy, Dee Why, Warringah Mall, Spit Jn, Neutral Bay Jn and Wynyard.

Route L90 to Palm Beach

Picks up passengers only at Wynyard, Neutral Bay Jn and Spit Jn, then picks up and sets down passengers at Warringah Mall, Dee Why, Collaroy, Narrabeen, then all stops.

L90

PrePay-Only - Palm Beach to City Wynyard (Limited Stops)

B

How to use this timetable

This timetable provides a snapshot of service information in 24-hour time (e.g. 5am = 05:00, 5pm = 17:00). Information contained in this timetable is subject to change without notice. Please note that timetables do not include minor stops, additional trips for special events, short term changes, holiday timetable changes, real-time information or any disruption alerts.

For the most up-to-date times, use the Trip Planner or Departures on transportsw.info

Real-time planning

You can plan your trip with real-time information using the Trip Planner or Departures on transportsw.info or by downloading travel apps on your smartphone or tablet.

The Trip Planner, Departures and travel apps offer various features:

- favourite your regular trips
- see where your service is on the route
- get estimated pick up and arrival times
- receive service updates
- find nearby stations, stops, wharves and routes
- check accessibility information

Find the latest apps at transportsw.info/apps

Accessible services

All new buses are wheelchair-accessible with low-level floors and space for wheelchairs, prams or strollers. Look for the  symbol in this timetable. Some older buses may not have all the features you need. There will be more accessible services as older buses are replaced.

Who is providing my bus services?

The bus services shown in this timetable are run by State Transit.

Fares

In Sydney and surrounding regions, fares are based on:

- the distance you travel from tap on to tap off
- the mode of transport you choose
- whether you're eligible for a concession fare or free travel
- any Opal benefits such as discounts and capped fares that apply

You can use an Opal card or a contactless payment to pay for your travel.

Opal cards

An Opal card is a smartcard you keep and reuse. Add value before you travel and tap on and tap off to pay your fares throughout Sydney, the Blue Mountains, Central Coast, the Hunter and the Illawarra.

Which Opal card is right for you?

Adult - Customers 16 years and over who are not entitled to any concessions and normally pay full fare.

Child/Youth - For customers aged 4-15 (inclusive), or customers 16 years or older who hold a NSW/ACT Senior Secondary Student Concession Card.

Gold Senior/Pensioner - For eligible NSW and interstate seniors, pensioners, war widows/ers and asylum seekers.

Concession - For eligible tertiary students, job seekers, apprentices and trainees.

How to get an Opal card

You can get an Adult or Child/Youth Opal card over the counter at Opal retailers that display the Opal sign . To find your nearest retailer visit transportsw.info/opal.

If you are eligible to travel with concession fares you can apply for a Gold Senior/Pensioner or Concession Opal card online. Visit transportsw.info/opal for more information.

Contactless payments

If you have an American Express, Mastercard, Visa card or linked device, you can use it to pay for all public transport on the Opal network. Just make sure to tap on and tap off at Opal readers at the beginning and end of your trip.

Always separate your cards when you tap on and tap off so your preferred card is charged.

You will receive the same travel benefits of an Adult Opal card when you tap on and tap off consistently with the same credit card, debit card or linked device. This includes daily, weekly and Sunday travel caps, and a \$2 transfer discount when you change between metro/train, ferry, bus or light rail services within 60 minutes. Adult Opal fare pricing applies.

Find out more at transportsw.info/contactless

Explanation of definitions and symbols



Wheelchair Accessible



Picks up passengers only

L90

PrePay-Only - City Wynyard to Palm Beach (Limited Stops)

B

Valid from: 14 Oct 2019

Creation date: 25 Oct 2019

NOTE: Information is correct on date of download.

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Wynyard Station, Carrington St, Sydney	08:45	09:05	09:25	09:45	10:05	11:05	12:05	13:05	14:05
Neutral Bay Junction, Military Rd, Neutral Bay	08:57	09:16	09:36	09:56	10:15	11:15	12:15	13:15	14:15
Spit Junction B-Line, Mosman	09:02	09:21	09:41	10:01	10:20	11:20	12:20	13:20	14:20
Warringah Mall, Pittwater Rd, Brookvale	09:21	09:40	10:00	10:18	10:35	11:33	12:33	13:33	14:33
Dee Why B-Line, Dee Why	09:29	09:48	10:08	10:26	10:43	11:41	12:41	13:41	14:41
Collaroy B-Line, Collaroy	09:36	09:55	10:15	10:33	10:50	11:48	12:48	13:48	14:48
Narrabeen B-Line, Narrabeen	09:40	09:59	10:19	10:37	10:54	11:52	12:52	13:52	14:52
Warriewood B-Line, Warriewood	09:45	10:04	10:24	10:42	10:59	11:57	12:57	13:57	14:57
Mona Vale B-Line, Mona Vale	09:52	10:11	10:31	10:49	11:06	12:04	13:04	14:04	15:04
Barrenjoey Rd after Darley St, Mona Vale	-	10:14	-	-	11:09	12:07	13:07	14:07	15:07
Newport Anchorage Marina, Beaconsfield St, Newport	-	10:19	-	-	11:14	12:14	13:14	14:14	15:14
Barrenjoey Rd before Robertson Rd, Newport	-	10:23	-	-	11:18	12:18	13:18	14:18	15:19
Barrenjoey Rd near Avalon Pde, Avalon	-	10:29	-	-	11:24	12:24	13:24	14:24	15:26
Barrenjoey Rd near Careel Head Rd, Avalon	-	10:33	-	-	11:28	12:29	13:28	14:28	15:30
Ocean Pl at Ocean Rd, Palm Beach	-	10:42	-	-	11:38	12:39	13:38	14:38	15:40

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Wynyard Station, Carrington St, Sydney	15:05	21:15	22:15	23:15	00:15				
Neutral Bay Junction, Military Rd, Neutral Bay	15:15	21:24	22:24	23:24	00:24				
Spit Junction B-Line, Mosman	15:20	21:28	22:28	23:28	00:28				
Warringah Mall, Pittwater Rd, Brookvale	15:34	21:39	22:39	23:38	00:38				
Dee Why B-Line, Dee Why	15:42	21:45	22:45	23:43	00:43				
Collaroy B-Line, Collaroy	15:49	21:51	22:51	23:47	00:47				
Narrabeen B-Line, Narrabeen	15:53	21:55	22:55	23:51	00:51				
Warriewood B-Line, Warriewood	15:58	21:59	22:59	23:55	00:55				
Mona Vale B-Line, Mona Vale	16:05	22:04	23:04	23:59	00:59				
Barrenjoey Rd after Darley St, Mona Vale	16:08	22:06	23:06	00:01	01:01				
Newport Anchorage Marina, Beaconsfield St, Newport	16:15	22:11	23:11	00:06	01:06				
Barrenjoey Rd before Robertson Rd, Newport	16:20	22:14	23:14	00:09	01:09				
Barrenjoey Rd near Avalon Pde, Avalon	16:27	22:19	23:19	00:14	01:14				
Barrenjoey Rd near Careel Head Rd, Avalon	16:31	22:22	23:22	00:17	01:17				
Ocean Pl at Ocean Rd, Palm Beach	16:41	22:30	23:30	00:25	01:25				

Saturday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Wynyard Station, Carrington St, Sydney	08:13	09:38	10:33	11:33	12:33	13:33	14:33	15:33	16:33
Neutral Bay Junction, Military Rd, Neutral Bay	08:22	09:47	10:43	11:44	12:44	13:44	14:44	15:43	16:44
Spit Junction B-Line, Mosman	08:26	09:52	10:48	11:50	12:50	13:49	14:49	15:48	16:49
Warringah Mall, Pittwater Rd, Brookvale	08:39	10:13	11:01	12:06	13:07	14:07	15:03	16:02	17:04
Dee Why B-Line, Dee Why	08:46	10:21	11:11	12:16	13:15	14:15	15:11	16:10	17:11
Collaroy B-Line, Collaroy	08:53	10:28	11:18	12:23	13:22	14:22	15:18	16:17	17:18
Narrabeen B-Line, Narrabeen	08:57	10:33	11:26	12:30	13:26	14:26	15:22	16:21	17:22
Warriewood B-Line, Warriewood	09:01	10:37	11:31	12:35	13:31	14:31	15:27	16:26	17:27
Mona Vale B-Line, Mona Vale	09:06	10:43	11:37	12:41	13:37	14:37	15:33	16:32	17:33
Barrenjoey Rd after Darley St, Mona Vale	09:10	10:46	11:40	12:44	13:40	14:40	15:36	16:35	17:36
Newport Anchorage Marina, Beaconsfield St, Newport	09:17	10:53	11:47	12:49	13:46	14:46	15:41	16:41	17:42
Barrenjoey Rd before Robertson Rd, Newport	09:21	10:58	11:52	12:54	13:50	14:50	15:45	16:45	17:46
Barrenjoey Rd near Avalon Pde, Avalon	09:27	11:04	11:59	13:01	13:56	14:56	15:51	16:51	17:52
Barrenjoey Rd near Careel Head Rd, Avalon	09:30	11:08	12:03	13:05	14:00	15:00	15:55	16:55	17:56
Ocean Pl at Ocean Rd, Palm Beach	09:40	11:19	12:14	13:15	14:10	15:09	16:04	17:04	18:05

L90**PrePay-Only - City Wynyard to
Palm Beach (Limited Stops)****B****Saturday**

	♿	♿	♿	♿	♿	♿	♿	♿
Wynyard Station, Carrington St, Sydney	17:33	18:33	19:33	20:33	21:33	22:33	23:33	00:33
Neutral Bay Junction, Military Rd, Neutral Bay	17:44	18:42	19:42	20:42	21:42	22:42	23:42	00:42
Spit Junction B-Line, Mosman	17:49	18:46	19:46	20:46	21:46	22:46	23:46	00:46
Warringah Mall, Pittwater Rd, Brookvale	18:01	18:58	19:57	20:57	21:57	22:57	23:57	00:57
Dee Why B-Line, Dee Why	18:08	19:05	20:03	21:03	22:03	23:03	00:03	01:03
Collaroy B-Line, Collaroy	18:15	19:11	20:09	21:09	22:09	23:09	00:09	01:09
Narrabeen B-Line, Narrabeen	18:19	19:15	20:13	21:13	22:12	23:13	00:13	01:13
Warriewood B-Line, Warriewood	18:23	19:19	20:17	21:17	22:16	23:16	00:16	01:16
Mona Vale B-Line, Mona Vale	18:28	19:24	20:22	21:22	22:20	23:20	00:20	01:20
Barrenjoey Rd after Darley St, Mona Vale	18:31	19:27	20:25	21:25	22:23	23:22	00:22	01:22
Newport Anchorage Marina, Beaconsfield St, Newport	18:37	19:32	20:30	21:30	22:28	23:26	00:26	01:26
Barrenjoey Rd before Robertson Rd, Newport	18:41	19:36	20:34	21:34	22:32	23:29	00:29	01:29
Barrenjoey Rd near Avalon Pde, Avalon	18:47	19:42	20:39	21:39	22:37	23:34	00:34	01:34
Barrenjoey Rd near Careel Head Rd, Avalon	18:51	19:46	20:43	21:43	22:40	23:37	00:37	01:37
Ocean Pl at Ocean Rd, Palm Beach	19:00	19:55	20:51	21:51	22:48	23:45	00:45	01:45

Sunday & Public Holidays

	♿	♿	♿	♿	♿	♿	♿	♿	♿
Wynyard Station, Carrington St, Sydney	08:13	09:23	10:31	11:31	12:31	13:31	14:31	15:31	16:31
Neutral Bay Junction, Military Rd, Neutral Bay	08:22	09:32	10:41	11:41	12:41	13:41	14:41	15:41	16:41
Spit Junction B-Line, Mosman	08:26	09:36	10:46	11:46	12:46	13:46	14:46	15:45	16:45
Warringah Mall, Pittwater Rd, Brookvale	08:37	09:49	10:59	12:00	13:00	14:00	14:59	15:58	16:58
Dee Why B-Line, Dee Why	08:44	09:56	11:06	12:08	13:08	14:08	15:07	16:06	17:05
Collaroy B-Line, Collaroy	08:50	10:04	11:14	12:16	13:16	14:16	15:14	16:13	17:12
Narrabeen B-Line, Narrabeen	08:53	10:08	11:18	12:21	13:21	14:21	15:19	16:17	17:16
Warriewood B-Line, Warriewood	08:57	10:12	11:22	12:25	13:25	14:25	15:23	16:21	17:20
Mona Vale B-Line, Mona Vale	09:02	10:18	11:28	12:31	13:31	14:30	15:28	16:26	17:25
Barrenjoey Rd after Darley St, Mona Vale	09:04	10:21	11:31	12:34	13:34	14:33	15:31	16:29	17:28
Newport Anchorage Marina, Beaconsfield St, Newport	09:09	10:26	11:36	12:39	13:39	14:39	15:37	16:35	17:34
Barrenjoey Rd before Robertson Rd, Newport	09:13	10:30	11:40	12:43	13:43	14:43	15:41	16:39	17:38
Barrenjoey Rd near Avalon Pde, Avalon	09:19	10:37	11:48	12:51	13:51	14:50	15:47	16:45	17:44
Barrenjoey Rd near Careel Head Rd, Avalon	09:22	10:41	11:52	12:55	13:55	14:54	15:51	16:49	17:48
Ocean Pl at Ocean Rd, Palm Beach	09:33	10:52	12:03	13:06	14:06	15:04	16:00	16:58	17:57

Sunday & Public Holidays

	♿	♿	♿	♿	♿	♿	♿
Wynyard Station, Carrington St, Sydney	17:31	18:31	19:31	20:11	21:11	22:11	23:11
Neutral Bay Junction, Military Rd, Neutral Bay	17:41	18:41	19:40	20:20	21:20	22:20	23:20
Spit Junction B-Line, Mosman	17:45	18:45	19:44	20:24	21:23	22:23	23:23
Warringah Mall, Pittwater Rd, Brookvale	17:57	18:57	19:56	20:35	21:34	22:33	23:33
Dee Why B-Line, Dee Why	18:03	19:03	20:02	20:41	21:40	22:38	23:38
Collaroy B-Line, Collaroy	18:10	19:10	20:08	20:46	21:45	22:43	23:43
Narrabeen B-Line, Narrabeen	18:14	19:14	20:12	20:50	21:48	22:46	23:46
Warriewood B-Line, Warriewood	18:18	19:18	20:16	20:54	21:52	22:50	23:50
Mona Vale B-Line, Mona Vale	18:23	19:23	20:21	20:59	21:57	22:54	23:54
Barrenjoey Rd after Darley St, Mona Vale	18:25	19:25	20:23	21:01	21:59	22:56	23:56
Newport Anchorage Marina, Beaconsfield St, Newport	18:30	19:30	20:28	21:06	22:04	23:01	00:01
Barrenjoey Rd before Robertson Rd, Newport	18:34	19:33	20:31	21:09	22:07	23:04	00:04
Barrenjoey Rd near Avalon Pde, Avalon	18:40	19:39	20:37	21:15	22:12	23:09	00:09
Barrenjoey Rd near Careel Head Rd, Avalon	18:44	19:43	20:40	21:18	22:15	23:12	00:12
Ocean Pl at Ocean Rd, Palm Beach	18:53	19:52	20:49	21:26	22:23	23:20	00:20

L90**PrePay-Only - Palm Beach to City
Wynyard (Limited Stops)****B****Monday to Friday**

Ocean Pl at Ocean Rd, Palm Beach	-	09:10	10:10	11:10	12:10	13:10	14:10	-	15:10
Barrenjoey Rd near Careel Head Rd, Avalon	08:41	09:19	10:19	11:19	12:19	13:19	14:19	-	15:19
Barrenjoey Rd near Avalon Pde, Avalon	08:46	09:26	10:23	11:23	12:23	13:23	14:23	-	15:24
Barrenjoey Rd after Bramley Ave, Newport	08:54	09:34	10:30	11:30	12:30	13:30	14:30	-	15:32
Beaconsfield St opp Queens Pde, Newport	08:59	09:38	10:34	11:34	12:34	13:34	14:34	-	15:36
Barrenjoey Rd before Darley St, Mona Vale	09:07	09:45	10:41	11:41	12:41	13:41	14:41	-	15:43
Mona Vale B-Line, Mona Vale	09:10	09:48	10:44	11:44	12:44	13:44	14:44	14:49	15:46
Warriewood B-Line, Warriewood	09:16	09:54	10:50	11:50	12:50	13:50	14:50	14:55	15:52
Narrabeen B-Line, Narrabeen	09:21	09:59	10:55	11:55	12:55	13:55	14:55	15:00	15:56
Collaroy B-Line, Collaroy	09:25	10:03	10:59	11:59	12:59	13:59	14:59	15:04	16:00
Dee Why B-Line, Dee Why	09:32	10:10	11:06	12:06	13:06	14:06	15:06	15:11	16:07
Warringah Mall, Pittwater Rd, Brookvale	09:40	10:18	11:14	12:14	13:14	14:14	15:15	15:20	16:14
Spit Junction B-Line, Mosman	09:53	10:31	11:27	12:27	13:27	14:27	15:30	15:35	16:28
Neutral Bay Junction, Military Rd, Neutral Bay	09:59	10:37	11:33	12:33	13:33	14:33	15:40	15:45	16:38
Wynyard Station	10:06	10:44	11:40	12:40	13:40	14:40	15:47	15:53	16:47

Monday to Friday

Ocean Pl at Ocean Rd, Palm Beach	-	-	16:10	17:10
Barrenjoey Rd near Careel Head Rd, Avalon	-	-	16:19	17:19
Barrenjoey Rd near Avalon Pde, Avalon	-	-	16:23	17:23
Barrenjoey Rd after Bramley Ave, Newport	-	-	16:30	17:30
Beaconsfield St opp Queens Pde, Newport	-	-	16:34	17:34
Barrenjoey Rd before Darley St, Mona Vale	-	-	16:40	17:40
Mona Vale B-Line, Mona Vale	16:14	16:28	16:42	17:42
Warriewood B-Line, Warriewood	16:20	16:34	16:48	17:48
Narrabeen B-Line, Narrabeen	16:24	16:38	16:52	17:52
Collaroy B-Line, Collaroy	16:28	16:42	16:56	17:56
Dee Why B-Line, Dee Why	16:35	16:49	17:03	18:03
Warringah Mall, Pittwater Rd, Brookvale	16:42	16:56	17:10	18:10
Spit Junction B-Line, Mosman	16:56	17:10	17:24	18:23
Neutral Bay Junction, Military Rd, Neutral Bay	17:06	17:20	17:34	18:30
Wynyard Station	17:15	17:29	17:43	18:38

Saturday

Ocean Pl at Ocean Rd, Palm Beach	06:46	07:46	08:45	09:45	10:45	11:45	12:45	13:45	14:45
Barrenjoey Rd near Careel Head Rd, Avalon	06:54	07:55	08:55	09:55	10:55	11:55	12:55	13:55	14:55
Barrenjoey Rd near Avalon Pde, Avalon	06:58	07:59	08:59	09:59	10:59	11:59	12:59	13:59	14:59
Barrenjoey Rd after Bramley Ave, Newport	07:04	08:06	09:06	10:06	11:06	12:06	13:06	14:06	15:06
Beaconsfield St opp Queens Pde, Newport	07:07	08:09	09:10	10:10	11:10	12:10	13:10	14:09	15:09
Barrenjoey Rd before Darley St, Mona Vale	07:12	08:15	09:17	10:17	11:16	12:16	13:16	14:15	15:15
Mona Vale B-Line, Mona Vale	07:14	08:17	09:20	10:20	11:19	12:19	13:19	14:18	15:18
Warriewood B-Line, Warriewood	07:18	08:22	09:26	10:26	11:25	12:25	13:25	14:24	15:24
Narrabeen B-Line, Narrabeen	07:22	08:27	09:31	10:31	11:30	12:30	13:30	14:29	15:29
Collaroy B-Line, Collaroy	07:26	08:31	09:35	10:35	11:34	12:34	13:34	14:33	15:33
Dee Why B-Line, Dee Why	07:32	08:38	09:42	10:43	11:42	12:41	13:41	14:40	15:40
Warringah Mall, Pittwater Rd, Brookvale	07:38	08:44	09:48	10:50	11:49	12:48	13:47	14:46	15:46
Spit Junction B-Line, Mosman	07:50	08:57	10:03	11:05	12:04	13:03	14:02	15:01	16:01
Neutral Bay Junction, Military Rd, Neutral Bay	07:55	09:03	10:10	11:15	12:14	13:13	14:11	15:10	16:10
Wynyard Station	08:02	09:10	10:17	11:24	12:23	13:22	14:20	15:19	16:19

L90**PrePay-Only - Palm Beach to City
Wynyard (Limited Stops)****B**

Saturday							
Ocean Pl at Ocean Rd, Palm Beach	15:45	16:45	17:47	18:47	19:47	20:47	21:47
Barrenjoey Rd near Careel Head Rd, Avalon	15:55	16:55	17:56	18:56	19:55	20:55	21:55
Barrenjoey Rd near Avalon Pde, Avalon	15:59	16:59	18:00	19:00	19:59	20:59	21:59
Barrenjoey Rd after Bramley Ave, Newport	16:06	17:06	18:07	19:06	20:05	21:05	22:05
Beaconsfield St opp Queens Pde, Newport	16:09	17:09	18:10	19:09	20:08	21:08	22:08
Barrenjoey Rd before Darley St, Mona Vale	16:15	17:15	18:16	19:14	20:13	21:13	22:13
Mona Vale B-Line, Mona Vale	16:18	17:18	18:18	19:16	20:15	21:15	22:15
Warriewood B-Line, Warriewood	16:24	17:24	18:24	19:21	20:19	21:19	22:19
Narrabeen B-Line, Narrabeen	16:29	17:29	18:29	19:25	20:23	21:23	22:23
Collaroy B-Line, Collaroy	16:33	17:33	18:33	19:29	20:27	21:27	22:27
Dee Why B-Line, Dee Why	16:40	17:40	18:40	19:35	20:33	21:33	22:33
Warringah Mall, Pittwater Rd, Brookvale	16:46	17:46	18:46	19:40	20:38	21:38	22:38
Spit Junction B-Line, Mosman	17:01	17:59	18:59	19:51	20:49	21:49	22:49
Neutral Bay Junction, Military Rd, Neutral Bay	17:10	18:08	19:05	19:56	20:54	21:54	22:54
Wynyard Station	17:19	18:15	19:12	20:03	21:01	22:01	23:01

Sunday & Public Holidays									
Ocean Pl at Ocean Rd, Palm Beach	06:46	07:46	08:45	09:45	10:45	11:45	12:45	13:45	14:45
Barrenjoey Rd near Careel Head Rd, Avalon	06:55	07:55	08:55	09:55	10:55	11:55	12:55	13:55	14:55
Barrenjoey Rd near Avalon Pde, Avalon	06:59	07:59	08:59	09:59	10:59	11:59	12:59	13:59	14:59
Barrenjoey Rd after Bramley Ave, Newport	07:05	08:06	09:06	10:06	11:06	12:06	13:06	14:06	15:06
Beaconsfield St opp Queens Pde, Newport	07:08	08:09	09:10	10:10	11:10	12:10	13:10	14:10	15:10
Barrenjoey Rd before Darley St, Mona Vale	07:14	08:15	09:17	10:17	11:16	12:16	13:16	14:16	15:16
Mona Vale B-Line, Mona Vale	07:16	08:17	09:20	10:20	11:19	12:19	13:19	14:19	15:19
Warriewood B-Line, Warriewood	07:21	08:22	09:26	10:26	11:25	12:25	13:25	14:25	15:25
Narrabeen B-Line, Narrabeen	07:25	08:27	09:31	10:31	11:30	12:30	13:30	14:30	15:30
Collaroy B-Line, Collaroy	07:29	08:31	09:36	10:36	11:35	12:35	13:35	14:35	15:35
Dee Why B-Line, Dee Why	07:35	08:38	09:43	10:43	11:42	12:41	13:41	14:41	15:41
Warringah Mall, Pittwater Rd, Brookvale	07:40	08:43	09:48	10:49	11:48	12:47	13:47	14:47	15:47
Spit Junction B-Line, Mosman	07:51	08:55	10:01	11:02	12:01	13:00	14:00	15:00	16:00
Neutral Bay Junction, Military Rd, Neutral Bay	07:56	09:01	10:07	11:10	12:09	13:08	14:08	15:08	16:08
Wynyard Station	08:04	09:09	10:15	11:20	12:19	13:18	14:18	15:18	16:18

Sunday & Public Holidays							
Ocean Pl at Ocean Rd, Palm Beach	15:45	16:45	17:47	18:47	19:47	20:47	21:47
Barrenjoey Rd near Careel Head Rd, Avalon	15:55	16:55	17:56	18:56	19:55	20:55	21:55
Barrenjoey Rd near Avalon Pde, Avalon	15:59	16:59	17:59	18:59	19:58	20:58	21:58
Barrenjoey Rd after Bramley Ave, Newport	16:06	17:06	18:06	19:05	20:04	21:04	22:04
Beaconsfield St opp Queens Pde, Newport	16:10	17:10	18:09	19:08	20:07	21:07	22:07
Barrenjoey Rd before Darley St, Mona Vale	16:16	17:16	18:15	19:13	20:12	21:12	22:12
Mona Vale B-Line, Mona Vale	16:19	17:19	18:17	19:15	20:14	21:14	22:14
Warriewood B-Line, Warriewood	16:25	17:25	18:23	19:20	20:18	21:18	22:18
Narrabeen B-Line, Narrabeen	16:30	17:30	18:28	19:24	20:22	21:22	22:22
Collaroy B-Line, Collaroy	16:35	17:35	18:33	19:29	20:25	21:25	22:25
Dee Why B-Line, Dee Why	16:41	17:41	18:39	19:34	20:30	21:30	22:30
Warringah Mall, Pittwater Rd, Brookvale	16:47	17:47	18:45	19:39	20:35	21:35	22:35
Spit Junction B-Line, Mosman	17:00	17:59	18:57	19:49	20:45	21:45	22:45
Neutral Bay Junction, Military Rd, Neutral Bay	17:08	18:08	19:03	19:54	20:50	21:50	22:50
Wynyard Station	17:18	18:16	19:11	20:02	20:58	21:58	22:58

Routes 151, E54, 188, E88, E89, L90, 199

B

Route E54 to Milsons Point

Picks up and sets down as requested at Mona Vale, Pittwater Park, Narrabeen, Collaroy, Dee Why, Warringah Mall, Kenneth Rd Manly Vale, Spit Jn and Neutral Bay Jn, then all stops.

Route E54 to Mona Vale

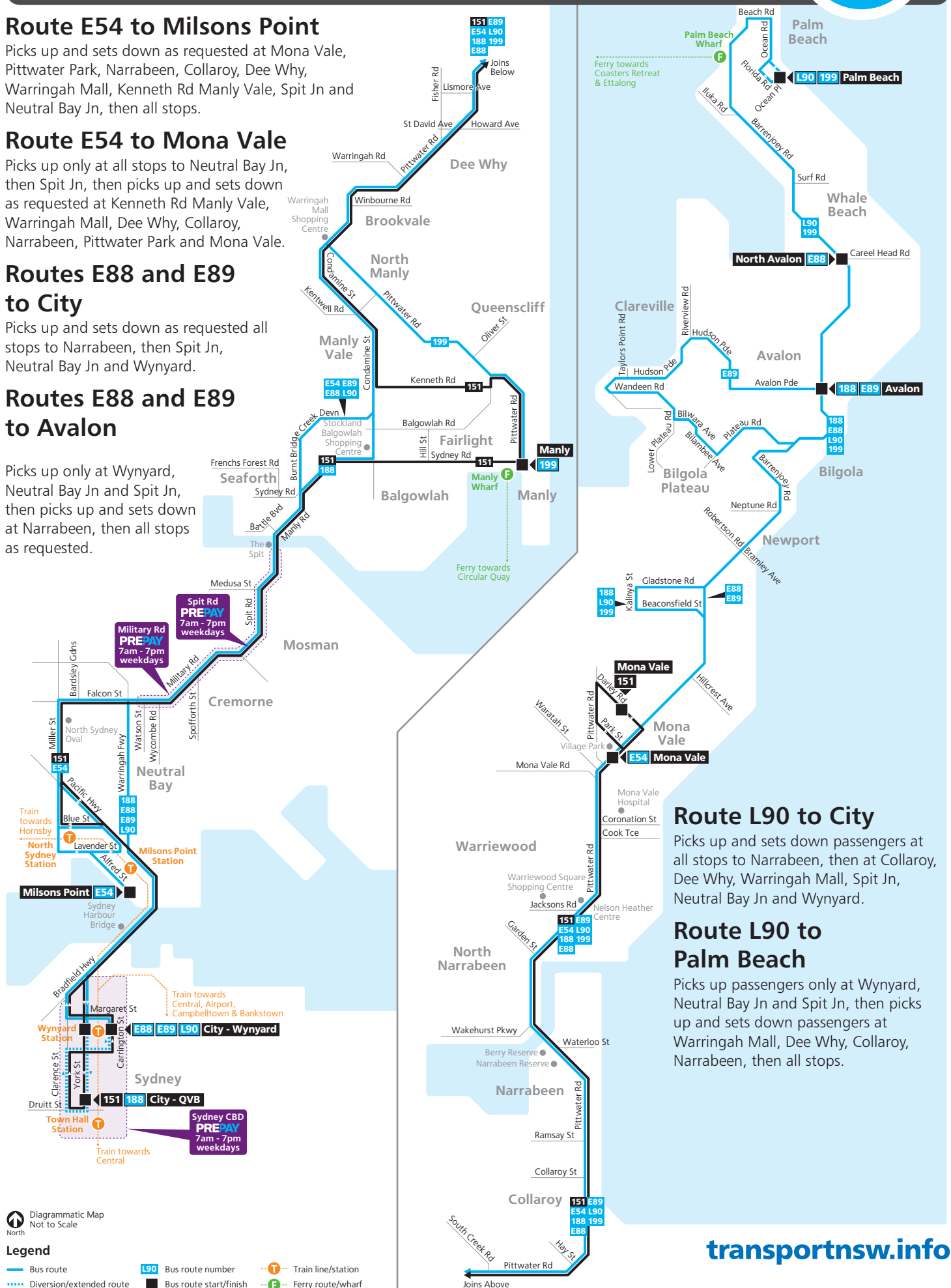
Picks up only at all stops to Neutral Bay Jn, then Spit Jn, then picks up and sets down as requested at Kenneth Rd Manly Vale, Warringah Mall, Dee Why, Collaroy, Narrabeen, Pittwater Park and Mona Vale.

Routes E88 and E89 to City

Picks up and sets down as requested all stops to Narrabeen, then Spit Jn, Neutral Bay Jn and Wynyard.

Routes E88 and E89 to Avalon

Picks up only at Wynyard, Neutral Bay Jn and Spit Jn, then picks up and sets down at Narrabeen, then all stops as requested.



Route L90 to City

Picks up and sets down passengers at all stops to Narrabeen, then at Collaroy, Dee Why, Warringah Mall, Spit Jn, Neutral Bay Jn and Wynyard.

Route L90 to Palm Beach

Picks up passengers only at Wynyard, Neutral Bay Jn and Spit Jn, then picks up and sets down passengers at Warringah Mall, Dee Why, Collaroy, Narrabeen, then all stops.

How to use this timetable

This timetable provides a snapshot of service information in 24-hour time (e.g. 5am = 05:00, 5pm = 17:00). Information contained in this timetable is subject to change without notice. Please note that timetables do not include minor stops, additional trips for special events, short term changes, holiday timetable changes, real-time information or any disruption alerts.

For the most up-to-date times, use the Trip Planner or Departures on transportsw.info

Real-time planning

You can plan your trip with real-time information using the Trip Planner or Departures on transportsw.info or by downloading travel apps on your smartphone or tablet.

The Trip Planner, Departures and travel apps offer various features:

- favourite your regular trips
- see where your service is on the route
- get estimated pick up and arrival times
- receive service updates
- find nearby stations, stops, wharves and routes
- check accessibility information

Find the latest apps at transportsw.info/apps

Accessible services

All new buses are wheelchair-accessible with low-level floors and space for wheelchairs, prams or strollers. Look for the  symbol in this timetable. Some older buses may not have all the features you need. There will be more accessible services as older buses are replaced.

Who is providing my bus services?

The bus services shown in this timetable are run by State Transit.

Fares

In Sydney and surrounding regions, fares are based on:

- the distance you travel from tap on to tap off
- the mode of transport you choose
- whether you're eligible for a concession fare or free travel
- any Opal benefits such as discounts and capped fares that apply

You can use an Opal card or a contactless payment to pay for your travel.

Opal cards

An Opal card is a smartcard you keep and reuse. Add value before you travel and tap on and tap off to pay your fares throughout Sydney, the Blue Mountains, Central Coast, the Hunter and the Illawarra.

Which Opal card is right for you?

Adult - Customers 16 years and over who are not entitled to any concessions and normally pay full fare.

Child/Youth - For customers aged 4-15 (inclusive), or customers 16 years or older who hold a NSW/ACT Senior Secondary Student Concession Card.

Gold Senior/Pensioner - For eligible NSW and interstate seniors, pensioners, war widows/ers and asylum seekers.

Concession - For eligible tertiary students, job seekers, apprentices and trainees.

How to get an Opal card

You can get an Adult or Child/Youth Opal card over the counter at Opal retailers that display the Opal sign . To find your nearest retailer visit transportsw.info/opal.

If you are eligible to travel with concession fares you can apply for a Gold Senior/Pensioner or Concession Opal card online. Visit transportsw.info/opal for more information.

Contactless payments

If you have an American Express, Mastercard, Visa card or linked device, you can use it to pay for all public transport on the Opal network. Just make sure to tap on and tap off at Opal readers at the beginning and end of your trip.

Always separate your cards when you tap on and tap off so your preferred card is charged.

You will receive the same travel benefits of an Adult Opal card when you tap on and tap off consistently with the same credit card, debit card or linked device. This includes daily, weekly and Sunday travel caps, and a \$2 transfer discount when you change between metro/train, ferry, bus or light rail services within 60 minutes. Adult Opal fare pricing applies.

Find out more at transportsw.info/contactless

Explanation of definitions and symbols



Wheelchair Accessible



A restriction regarding the carriage of Schoolchildren applies to part or all of this trip



Drops off passengers only

Valid from: 14 Oct 2019

Creation date: 25 Oct 2019

NOTE: Information is correct on date of download.

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Manly Wharf, Belgrave St, Manly	-	-	05:05	05:35	-	05:50	06:05	06:20	06:35
Warringah Mall, Pittwater Rd, Brookvale	-	-	05:15	05:46	-	06:01	06:16	06:31	06:46
Pittwater Rd at Old Pittwater Rd, Brookvale	-	04:47	05:17	05:48	-	06:03	06:18	06:33	06:48
Dee Why B-Line, Dee Why	-	04:51	05:21	05:52	-	06:08	06:23	06:38	06:53
Collaroy B-Line, Collaroy	-	04:57	05:27	05:58	-	06:14	06:29	06:44	06:59
Narrabeen B-Line, Narrabeen	-	05:01	05:31	06:02	-	06:18	06:33	06:49	07:04
Warriewood B-Line, Warriewood	-	05:04	05:34	06:05	-	06:21	06:36	06:53	07:08
Mona Vale B-Line, Mona Vale	04:58	05:08	05:38	06:09	06:17	06:25	06:40	06:59	07:14
Barrenjoey Rd after Darley St, Mona Vale	05:00	05:10	05:40	06:12	06:20	06:28	06:43	07:02	07:17
Newport Anchorage Marina, Beaconsfield St, Newport	05:04	05:14	05:44	06:16	06:24	06:32	06:48	07:07	07:22
Barrenjoey Rd before Robertson Rd, Newport	05:07	05:17	05:47	06:20	06:28	06:36	06:52	07:11	07:26
Barrenjoey Rd near Avalon Pde, Avalon	05:13	05:23	05:53	06:26	06:34	06:42	06:58	07:17	07:32
Barrenjoey Rd near Careel Head Rd, Avalon	05:16	05:26	05:56	06:29	06:37	-	07:01	-	07:35
Ocean Pl at Ocean Rd, Palm Beach	05:24	05:34	06:04	06:37	06:45	-	07:09	-	07:44

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Service Information								R	
Manly Wharf, Belgrave St, Manly	06:48	07:01	07:14	07:28	07:39	07:53	08:05	08:20	08:35
Warringah Mall, Pittwater Rd, Brookvale	06:59	07:13	07:28	07:42	07:53	08:07	08:19	08:34	08:49
Pittwater Rd at Old Pittwater Rd, Brookvale	07:01	07:16	07:31	07:45	07:56	08:10	08:22	08:37	08:52
Dee Why B-Line, Dee Why	07:06	07:21	07:36	07:50	08:02	08:16	08:28	08:43	08:58
Collaroy B-Line, Collaroy	07:14	07:29	07:44	07:58	08:11	08:25	08:37	08:50	09:05
Narrabeen B-Line, Narrabeen	07:19	07:34	07:49	08:03	08:17	08:33	08:45	08:58	09:10
Warriewood B-Line, Warriewood	07:23	07:38	07:53	08:08	08:22	08:38	08:50	09:03	09:15
Mona Vale B-Line, Mona Vale	07:29	07:44	07:59	08:14	08:29	08:45	08:57	09:10	09:22
Barrenjoey Rd after Darley St, Mona Vale	07:32	07:47	08:02	08:17	08:32	08:48	09:00	09:13	09:25
Newport Anchorage Marina, Beaconsfield St, Newport	07:37	07:52	08:07	08:22	08:37	08:53	09:05	09:18	09:30
Barrenjoey Rd before Robertson Rd, Newport	07:41	07:56	08:11	08:26	08:41	08:57	09:09	09:22	09:34
Barrenjoey Rd near Avalon Pde, Avalon	07:47	08:02	08:17	08:32	08:47	09:03	09:15	09:28	09:40
Barrenjoey Rd near Careel Head Rd, Avalon	-	08:05	-	08:35	-	09:06	-	09:32	09:44
Ocean Pl at Ocean Rd, Palm Beach	-	08:14	-	08:44	-	09:15	-	09:41	09:53

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Manly Wharf, Belgrave St, Manly	08:50	09:05	09:20	09:35	09:50	10:05	10:20	10:35	10:50
Warringah Mall, Pittwater Rd, Brookvale	09:02	09:17	09:32	09:47	10:02	10:17	10:32	10:47	11:02
Pittwater Rd at Old Pittwater Rd, Brookvale	09:05	09:20	09:36	09:51	10:07	10:22	10:37	10:52	11:07
Dee Why B-Line, Dee Why	09:11	09:26	09:42	09:57	10:13	10:28	10:43	10:58	11:13
Collaroy B-Line, Collaroy	09:18	09:33	09:49	10:05	10:21	10:36	10:51	11:06	11:21
Narrabeen B-Line, Narrabeen	09:23	09:38	09:54	10:10	10:26	10:41	10:56	11:11	11:26
Warriewood B-Line, Warriewood	09:28	09:43	09:59	10:15	10:31	10:46	11:01	11:16	11:31
Mona Vale B-Line, Mona Vale	09:35	09:50	10:06	10:22	10:38	10:53	11:08	11:23	11:38
Barrenjoey Rd after Darley St, Mona Vale	09:38	09:53	10:09	10:25	10:41	10:56	11:11	11:26	11:41
Newport Anchorage Marina, Beaconsfield St, Newport	09:43	09:58	10:14	10:30	10:46	11:01	11:16	11:31	11:46
Barrenjoey Rd before Robertson Rd, Newport	09:47	10:02	10:18	10:34	10:50	11:05	11:20	11:35	11:50
Barrenjoey Rd near Avalon Pde, Avalon	09:53	10:08	10:24	10:40	10:56	11:11	11:26	11:41	11:56
Barrenjoey Rd near Careel Head Rd, Avalon	-	10:12	-	10:44	-	11:15	-	11:45	-
Ocean Pl at Ocean Rd, Palm Beach	-	10:22	-	10:54	-	11:25	-	11:55	-

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PrePay-Only - Manly to Palm Beach

B

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Manly Wharf, Belgrave St, Manly	11:05	11:20	11:35	11:50	12:05	12:20	-	12:35	-
Warringah Mall, Pittwater Rd, Brookvale	11:17	11:32	11:47	12:02	12:17	12:32	-	12:47	-
Pittwater Rd at Old Pittwater Rd, Brookvale	11:22	11:37	11:52	12:07	12:22	12:36	-	12:51	-
Dee Why B-Line, Dee Why	11:28	11:43	11:58	12:13	12:28	12:42	-	12:57	-
Collaroy B-Line, Collaroy	11:36	11:51	12:06	12:21	12:36	12:50	-	13:05	-
Narrabeen B-Line, Narrabeen	11:41	11:56	12:11	12:26	12:41	12:55	-	13:10	-
Warriewood B-Line, Warriewood	11:46	12:01	12:16	12:31	12:46	13:00	-	13:15	-
Mona Vale B-Line, Mona Vale	11:53	12:08	12:23	12:38	12:53	13:07	13:14	13:22	13:29
Barrenjoey Rd after Darley St, Mona Vale	11:56	12:11	12:26	12:41	12:56	13:10	13:17	13:25	13:32
Newport Anchorage Marina, Beaconsfield St, Newport	12:01	12:16	12:31	12:48	13:03	13:17	13:24	13:32	13:39
Barrenjoey Rd before Robertson Rd, Newport	12:05	12:20	12:35	12:52	13:07	13:21	13:28	13:36	13:43
Barrenjoey Rd near Avalon Pde, Avalon	12:11	12:26	12:41	12:58	13:13	13:27	13:34	13:42	13:49
Barrenjoey Rd near Careel Head Rd, Avalon	12:15	-	12:45	-	13:17	-	13:38	13:46	13:53
Ocean Pl at Ocean Rd, Palm Beach	12:25	-	12:55	-	13:27	-	13:48	13:56	14:03
Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Manly Wharf, Belgrave St, Manly	12:50	13:05	13:20	13:35	13:50	14:05	14:20	14:35	14:50
Warringah Mall, Pittwater Rd, Brookvale	13:02	13:17	13:32	13:47	14:02	14:17	14:32	14:47	15:03
Pittwater Rd at Old Pittwater Rd, Brookvale	13:06	13:21	13:36	13:51	14:06	14:21	14:36	14:51	15:07
Dee Why B-Line, Dee Why	13:12	13:27	13:42	13:57	14:12	14:27	14:42	14:57	15:13
Collaroy B-Line, Collaroy	13:20	13:35	13:50	14:05	14:20	14:35	14:50	15:05	15:21
Narrabeen B-Line, Narrabeen	13:25	13:40	13:55	14:10	14:25	14:40	14:55	15:10	15:26
Warriewood B-Line, Warriewood	13:30	13:45	14:00	14:15	14:30	14:45	15:00	15:15	15:31
Mona Vale B-Line, Mona Vale	13:37	13:52	14:07	14:22	14:37	14:52	15:07	15:22	15:38
Barrenjoey Rd after Darley St, Mona Vale	13:40	13:55	14:10	14:25	14:40	14:55	15:10	15:25	15:41
Newport Anchorage Marina, Beaconsfield St, Newport	13:47	14:02	14:17	14:32	14:47	15:02	15:17	15:32	15:48
Barrenjoey Rd before Robertson Rd, Newport	13:51	14:06	14:21	14:36	14:51	15:07	15:22	15:37	15:53
Barrenjoey Rd near Avalon Pde, Avalon	13:57	14:12	14:27	14:42	14:57	15:14	15:29	15:44	16:00
Barrenjoey Rd near Careel Head Rd, Avalon	-	14:16	-	14:46	-	15:18	-	15:48	-
Ocean Pl at Ocean Rd, Palm Beach	-	14:26	-	14:56	-	15:28	-	15:58	-
Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
St Pauls College, Darley Rd, Manly	-	-	15:31	-	-	-	-	-	-
Manly Wharf, Belgrave St, Manly	15:05	15:20	15:35	15:50	16:05	16:20	16:35	16:50	17:05
Warringah Mall, Pittwater Rd, Brookvale	15:19	15:36	15:52	16:06	16:20	16:35	16:49	17:04	17:19
Pittwater Rd at Old Pittwater Rd, Brookvale	15:23	15:39	15:55	16:09	16:23	16:38	16:52	17:07	17:22
Dee Why B-Line, Dee Why	15:29	15:45	16:01	16:15	16:29	16:45	16:59	17:14	17:29
Collaroy B-Line, Collaroy	15:37	15:53	16:09	16:23	16:37	16:53	17:07	17:22	17:37
Narrabeen B-Line, Narrabeen	15:42	15:58	16:14	16:28	16:42	16:58	17:12	17:27	17:42
Warriewood B-Line, Warriewood	15:47	16:03	16:19	16:33	16:46	17:02	17:16	17:31	17:46
Mona Vale B-Line, Mona Vale	15:54	16:10	16:26	16:40	16:52	17:08	17:22	17:37	17:52
Barrenjoey Rd after Darley St, Mona Vale	15:57	16:13	16:29	16:43	16:55	17:11	17:25	17:40	17:55
Newport Anchorage Marina, Beaconsfield St, Newport	16:04	16:20	16:36	16:50	17:02	17:18	17:32	17:47	18:02
Barrenjoey Rd before Robertson Rd, Newport	16:09	16:25	16:41	16:55	17:07	17:23	17:37	17:51	18:06
Barrenjoey Rd near Avalon Pde, Avalon	16:16	16:32	16:48	17:02	17:14	17:30	17:44	17:57	18:12
Barrenjoey Rd near Careel Head Rd, Avalon	16:20	-	16:52	17:06	17:18	17:34	17:48	18:01	18:16
Ocean Pl at Ocean Rd, Palm Beach	16:30	-	17:02	17:16	17:28	17:44	17:58	18:11	18:25

Monday to Friday									
Manly Wharf, Belgrave St, Manly	17:20	17:35	17:50	18:05	18:20	18:35	18:50	19:05	19:20
Warringah Mall, Pittwater Rd, Brookvale	17:34	17:49	18:04	18:19	18:32	18:47	19:02	19:17	19:32
Pittwater Rd at Old Pittwater Rd, Brookvale	17:37	17:51	18:06	18:21	18:34	18:49	19:04	19:19	19:34
Dee Why B-Line, Dee Why	17:44	17:57	18:12	18:27	18:40	18:54	19:09	19:24	19:39
Collaroy B-Line, Collaroy	17:52	18:05	18:20	18:34	18:47	19:01	19:16	19:31	19:46
Narrabeen B-Line, Narrabeen	17:56	18:09	18:24	18:38	18:51	19:05	19:20	19:35	19:50
Warriewood B-Line, Warriewood	18:00	18:13	18:28	18:42	18:55	19:09	19:24	19:39	19:54
Mona Vale B-Line, Mona Vale	18:06	18:19	18:34	18:48	19:01	19:15	19:30	19:45	20:00
Barrenjoey Rd after Darley St, Mona Vale	18:09	18:22	18:37	18:51	19:04	19:18	19:33	19:48	20:03
Newport Anchorage Marina, Beaconsfield St, Newport	18:16	18:29	18:44	18:56	19:09	19:23	19:38	19:53	20:08
Barrenjoey Rd before Robertson Rd, Newport	18:20	18:33	18:48	18:59	19:12	19:26	19:41	19:56	20:11
Barrenjoey Rd near Avalon Pde, Avalon	18:26	18:39	18:53	19:04	19:17	19:31	19:46	20:01	20:16
Barrenjoey Rd near Careel Head Rd, Avalon	18:30	18:43	18:56	19:07	19:20	19:34	19:49	20:04	-
Ocean Pl at Ocean Rd, Palm Beach	18:39	18:52	19:04	19:15	19:28	19:42	19:57	20:12	-

Monday to Friday									
Manly Wharf, Belgrave St, Manly	19:35	19:50	20:05	20:20	20:35	-	20:50	21:05	21:20
Warringah Mall, Pittwater Rd, Brookvale	19:47	20:02	20:17	20:32	20:46	-	21:01	21:16	21:31
Pittwater Rd at Old Pittwater Rd, Brookvale	19:49	20:04	20:19	20:34	20:48	-	21:03	21:18	21:33
Dee Why B-Line, Dee Why	19:54	20:09	20:24	20:39	20:53	-	21:08	21:23	21:38
Collaroy B-Line, Collaroy	20:01	20:16	20:31	20:46	21:00	-	21:15	21:30	21:45
Narrabeen B-Line, Narrabeen	20:05	20:20	20:35	20:50	21:04	-	21:19	21:34	21:49
Warriewood B-Line, Warriewood	20:09	20:24	20:39	20:54	21:08	-	21:23	21:38	21:53
Mona Vale B-Line, Mona Vale	20:15	20:30	20:43	20:58	21:12	21:20	21:27	21:42	21:57
Barrenjoey Rd after Darley St, Mona Vale	20:18	20:33	20:45	21:00	21:14	21:22	21:29	21:44	21:59
Newport Anchorage Marina, Beaconsfield St, Newport	20:23	20:38	20:50	21:05	21:19	21:27	21:34	21:49	22:04
Barrenjoey Rd before Robertson Rd, Newport	20:26	20:41	20:53	21:08	21:22	21:30	21:37	21:52	22:07
Barrenjoey Rd near Avalon Pde, Avalon	20:31	20:46	20:58	21:13	21:27	21:35	21:42	21:57	22:12
Barrenjoey Rd near Careel Head Rd, Avalon	20:34	-	21:01	-	21:30	21:38	-	22:00	-
Ocean Pl at Ocean Rd, Palm Beach	20:42	-	21:09	-	21:38	21:46	-	22:08	-

Monday to Friday									
Manly Wharf, Belgrave St, Manly	21:35	21:50	22:10	22:20	22:35	22:50	23:05	23:20	23:40
Warringah Mall, Pittwater Rd, Brookvale	21:46	22:01	22:21	22:31	22:46	23:01	23:16	23:31	23:50
Pittwater Rd at Old Pittwater Rd, Brookvale	21:48	22:03	22:23	22:33	22:48	23:03	23:18	23:33	23:52
Dee Why B-Line, Dee Why	21:53	22:08	22:28	22:38	22:53	23:08	23:23	23:38	23:57
Collaroy B-Line, Collaroy	22:00	22:15	22:35	22:44	22:59	23:14	23:29	23:44	00:03
Narrabeen B-Line, Narrabeen	22:04	22:19	22:39	22:48	23:03	23:18	23:33	23:48	00:07
Warriewood B-Line, Warriewood	22:08	22:23	22:43	22:52	23:07	23:22	23:36	23:51	00:10
Mona Vale B-Line, Mona Vale	22:12	22:27	22:47	22:56	23:11	23:26	23:40	23:55	00:14
Barrenjoey Rd after Darley St, Mona Vale	22:14	22:29	22:49	22:58	23:13	23:28	23:42	23:57	00:16
Newport Anchorage Marina, Beaconsfield St, Newport	22:19	22:34	22:54	23:03	23:18	23:33	23:47	00:02	00:20
Barrenjoey Rd before Robertson Rd, Newport	22:22	22:37	22:57	23:06	23:21	23:36	23:50	00:05	00:23
Barrenjoey Rd near Avalon Pde, Avalon	22:27	22:42	23:02	23:11	23:26	23:41	23:55	00:10	00:28
Barrenjoey Rd near Careel Head Rd, Avalon	22:30	-	23:05	-	23:29	-	23:58	-	00:31
Ocean Pl at Ocean Rd, Palm Beach	22:38	-	23:13	-	23:37	-	00:06	-	00:39

Monday to Friday

		
Manly Wharf, Belgrave St, Manly	00:10	01:00
Warringah Mall, Pittwater Rd, Brookvale	00:20	01:10
Pittwater Rd at Old Pittwater Rd, Brookvale	00:22	01:12
Dee Why B-Line, Dee Why	00:27	01:17
Collaroy B-Line, Collaroy	00:32	01:22
Narrabeen B-Line, Narrabeen	00:36	01:26
Warriewood B-Line, Warriewood	00:39	01:29
Mona Vale B-Line, Mona Vale	00:43	01:33
Barrenjoey Rd after Darley St, Mona Vale	00:45	01:35
Newport Anchorage Marina, Beaconsfield St, Newport	00:49	01:39
Barrenjoey Rd before Robertson Rd, Newport	00:52	01:42
Barrenjoey Rd near Avalon Pde, Avalon	00:57	01:47
Barrenjoey Rd near Careel Head Rd, Avalon	01:00	01:50
Ocean Pl at Ocean Rd, Palm Beach	01:08	01:58

Saturday

									
Manly Wharf, Belgrave St, Manly	05:30	06:00	06:30	07:00	07:30	08:00	08:23	08:50	09:05
Warringah Mall, Pittwater Rd, Brookvale	05:41	06:11	06:41	07:11	07:43	08:13	08:36	09:03	09:18
Pittwater Rd at Old Pittwater Rd, Brookvale	05:43	06:13	06:43	07:13	07:45	08:15	08:38	09:05	09:20
Dee Why B-Line, Dee Why	05:47	06:17	06:47	07:17	07:50	08:20	08:43	09:11	09:26
Collaroy B-Line, Collaroy	05:52	06:22	06:52	07:22	07:57	08:27	08:50	09:19	09:34
Narrabeen B-Line, Narrabeen	05:56	06:26	06:56	07:26	08:01	08:31	08:55	09:24	09:39
Warriewood B-Line, Warriewood	05:59	06:29	06:59	07:29	08:05	08:35	08:59	09:28	09:43
Mona Vale B-Line, Mona Vale	06:03	06:33	07:03	07:34	08:10	08:40	09:04	09:33	09:48
Barrenjoey Rd after Darley St, Mona Vale	06:05	06:35	07:05	07:37	08:13	08:43	09:08	09:37	09:51
Newport Anchorage Marina, Beaconsfield St, Newport	06:09	06:39	07:09	07:42	08:18	08:48	09:15	09:44	09:58
Barrenjoey Rd before Robertson Rd, Newport	06:12	06:42	07:12	07:46	08:22	08:52	09:19	09:49	10:03
Barrenjoey Rd near Avalon Pde, Avalon	06:17	06:47	07:17	07:52	08:28	08:58	09:25	09:55	10:09
Barrenjoey Rd near Careel Head Rd, Avalon	06:20	06:50	07:20	07:55	08:31	09:01	09:28	09:59	10:13
Ocean Pl at Ocean Rd, Palm Beach	06:28	06:58	07:28	08:04	08:41	09:11	09:38	10:10	10:24

Saturday

									
Manly Wharf, Belgrave St, Manly	09:20	09:35	09:50	10:05	10:20	10:35	10:50	11:05	11:20
Warringah Mall, Pittwater Rd, Brookvale	09:33	09:48	10:03	10:18	10:33	10:48	11:03	11:19	11:34
Pittwater Rd at Old Pittwater Rd, Brookvale	09:35	09:50	10:06	10:21	10:36	10:51	11:06	11:23	11:38
Dee Why B-Line, Dee Why	09:41	09:56	10:12	10:27	10:42	10:57	11:12	11:30	11:45
Collaroy B-Line, Collaroy	09:49	10:04	10:20	10:35	10:50	11:05	11:21	11:39	11:54
Narrabeen B-Line, Narrabeen	09:54	10:09	10:25	10:40	10:55	11:10	11:27	11:45	12:00
Warriewood B-Line, Warriewood	09:58	10:13	10:29	10:44	10:59	11:15	11:32	11:50	12:05
Mona Vale B-Line, Mona Vale	10:03	10:18	10:35	10:50	11:05	11:21	11:38	11:56	12:11
Barrenjoey Rd after Darley St, Mona Vale	10:06	10:21	10:38	10:53	11:08	11:24	11:41	11:59	12:14
Newport Anchorage Marina, Beaconsfield St, Newport	10:13	10:28	10:45	11:00	11:15	11:31	11:48	12:06	12:19
Barrenjoey Rd before Robertson Rd, Newport	10:18	10:33	10:50	11:05	11:20	11:36	11:53	12:11	12:24
Barrenjoey Rd near Avalon Pde, Avalon	10:24	10:39	10:56	11:11	11:26	11:43	12:00	12:18	12:31
Barrenjoey Rd near Careel Head Rd, Avalon	10:28	10:43	11:00	11:15	11:30	11:47	12:04	12:22	12:35
Ocean Pl at Ocean Rd, Palm Beach	10:39	10:54	11:11	11:26	11:41	11:58	12:15	12:32	12:45

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PrePay-Only - Manly to Palm Beach

B

Saturday									
Manly Wharf, Belgrave St, Manly	11:35	11:50	12:05	12:20	12:35	12:50	13:05	13:20	13:35
Warringah Mall, Pittwater Rd, Brookvale	11:49	12:04	12:19	12:34	12:49	13:04	13:17	13:32	13:47
Pittwater Rd at Old Pittwater Rd, Brookvale	11:53	12:08	12:23	12:38	12:53	13:07	13:20	13:35	13:50
Dee Why B-Line, Dee Why	12:00	12:15	12:30	12:45	13:00	13:14	13:27	13:42	13:57
Collaroy B-Line, Collaroy	12:09	12:24	12:39	12:54	13:09	13:22	13:35	13:50	14:05
Narrabeen B-Line, Narrabeen	12:15	12:30	12:45	13:00	13:14	13:27	13:40	13:55	14:10
Warriewood B-Line, Warriewood	12:20	12:35	12:50	13:05	13:19	13:32	13:45	14:00	14:15
Mona Vale B-Line, Mona Vale	12:26	12:41	12:56	13:11	13:25	13:38	13:51	14:06	14:21
Barrenjoey Rd after Darley St, Mona Vale	12:29	12:44	12:59	13:14	13:28	13:41	13:54	14:09	14:24
Newport Anchorage Marina, Beaconsfield St, Newport	12:34	12:49	13:05	13:20	13:34	13:47	14:00	14:15	14:30
Barrenjoey Rd before Robertson Rd, Newport	12:39	12:54	13:09	13:24	13:38	13:51	14:04	14:19	14:34
Barrenjoey Rd near Avalon Pde, Avalon	12:46	13:01	13:15	13:30	13:44	13:57	14:10	14:25	14:40
Barrenjoey Rd near Careel Head Rd, Avalon	12:50	13:05	13:19	13:34	13:48	14:01	14:14	14:29	14:44
Ocean Pl at Ocean Rd, Palm Beach	13:00	13:15	13:29	13:44	13:58	14:11	14:24	14:39	14:54
Saturday									
Manly Wharf, Belgrave St, Manly	13:50	14:05	14:20	14:35	14:50	15:05	15:20	15:35	15:50
Warringah Mall, Pittwater Rd, Brookvale	14:02	14:17	14:32	14:47	15:02	15:17	15:32	15:47	16:02
Pittwater Rd at Old Pittwater Rd, Brookvale	14:05	14:20	14:35	14:50	15:05	15:20	15:35	15:50	16:05
Dee Why B-Line, Dee Why	14:12	14:27	14:43	14:58	15:13	15:28	15:43	15:58	16:13
Collaroy B-Line, Collaroy	14:20	14:35	14:51	15:06	15:21	15:36	15:51	16:06	16:21
Narrabeen B-Line, Narrabeen	14:25	14:40	14:56	15:11	15:26	15:41	15:56	16:11	16:26
Warriewood B-Line, Warriewood	14:30	14:45	15:01	15:16	15:31	15:46	16:01	16:16	16:31
Mona Vale B-Line, Mona Vale	14:36	14:51	15:07	15:22	15:37	15:52	16:07	16:22	16:37
Barrenjoey Rd after Darley St, Mona Vale	14:39	14:54	15:10	15:25	15:40	15:55	16:10	16:25	16:40
Newport Anchorage Marina, Beaconsfield St, Newport	14:45	14:59	15:15	15:30	15:45	16:00	16:15	16:30	16:46
Barrenjoey Rd before Robertson Rd, Newport	14:49	15:03	15:19	15:34	15:49	16:04	16:19	16:34	16:50
Barrenjoey Rd near Avalon Pde, Avalon	14:55	15:09	15:25	15:40	15:55	16:10	16:25	16:40	16:56
Barrenjoey Rd near Careel Head Rd, Avalon	14:59	15:13	15:29	15:44	15:59	16:14	16:29	16:44	17:00
Ocean Pl at Ocean Rd, Palm Beach	15:08	15:22	15:38	15:53	16:08	16:23	16:38	16:53	17:09
Saturday									
Manly Wharf, Belgrave St, Manly	16:05	16:20	16:35	16:50	17:05	17:20	17:35	17:50	18:05
Warringah Mall, Pittwater Rd, Brookvale	16:17	16:32	16:47	17:02	17:17	17:32	17:47	18:02	18:17
Pittwater Rd at Old Pittwater Rd, Brookvale	16:20	16:35	16:50	17:05	17:20	17:35	17:50	18:05	18:20
Dee Why B-Line, Dee Why	16:28	16:43	16:56	17:11	17:26	17:41	17:56	18:11	18:26
Collaroy B-Line, Collaroy	16:36	16:51	17:04	17:19	17:34	17:49	18:04	18:19	18:34
Narrabeen B-Line, Narrabeen	16:41	16:56	17:09	17:24	17:39	17:54	18:09	18:24	18:38
Warriewood B-Line, Warriewood	16:46	17:01	17:14	17:29	17:44	17:59	18:13	18:28	18:42
Mona Vale B-Line, Mona Vale	16:52	17:07	17:20	17:35	17:50	18:04	18:18	18:33	18:47
Barrenjoey Rd after Darley St, Mona Vale	16:55	17:10	17:23	17:38	17:53	18:07	18:21	18:36	18:50
Newport Anchorage Marina, Beaconsfield St, Newport	17:01	17:16	17:29	17:44	17:59	18:13	18:27	18:42	18:56
Barrenjoey Rd before Robertson Rd, Newport	17:05	17:20	17:33	17:48	18:03	18:17	18:31	18:46	19:00
Barrenjoey Rd near Avalon Pde, Avalon	17:11	17:26	17:39	17:54	18:09	18:23	18:37	18:52	19:06
Barrenjoey Rd near Careel Head Rd, Avalon	17:15	17:30	17:43	17:58	18:13	18:27	18:41	18:56	19:10
Ocean Pl at Ocean Rd, Palm Beach	17:24	17:39	17:52	18:07	18:22	18:36	18:50	19:05	19:19

Saturday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Manly Wharf, Belgrave St, Manly	18:20	18:35	18:50	19:05	19:20	19:35	19:50	20:05	20:20
Warringah Mall, Pittwater Rd, Brookvale	18:32	18:46	19:01	19:16	19:31	19:46	20:01	20:16	20:31
Pittwater Rd at Old Pittwater Rd, Brookvale	18:35	18:48	19:03	19:18	19:33	19:48	20:03	20:18	20:33
Dee Why B-Line, Dee Why	18:40	18:53	19:08	19:23	19:38	19:53	20:07	20:22	20:37
Collaroy B-Line, Collaroy	18:48	19:01	19:16	19:31	19:46	20:01	20:14	20:29	20:44
Narrabeen B-Line, Narrabeen	18:52	19:05	19:20	19:35	19:50	20:05	20:18	20:33	20:48
Warriewood B-Line, Warriewood	18:56	19:09	19:24	19:39	19:54	20:09	20:22	20:37	20:52
Mona Vale B-Line, Mona Vale	19:01	19:14	19:29	19:44	19:59	20:14	20:27	20:42	20:57
Barrenjoey Rd after Darley St, Mona Vale	19:04	19:17	19:32	19:47	20:02	20:17	20:30	20:45	21:00
Newport Anchorage Marina, Beaconsfield St, Newport	19:09	19:22	19:37	19:52	20:07	20:22	20:35	20:50	21:05
Barrenjoey Rd before Robertson Rd, Newport	19:13	19:26	19:41	19:56	20:11	20:26	20:39	20:54	21:09
Barrenjoey Rd near Avalon Pde, Avalon	19:19	19:32	19:47	20:02	20:17	20:32	20:44	20:59	21:14
Barrenjoey Rd near Careel Head Rd, Avalon	19:23	19:36	19:51	20:06	20:21	20:36	20:48	21:03	21:18
Ocean Pl at Ocean Rd, Palm Beach	19:32	19:45	20:00	20:15	20:30	20:44	20:56	21:11	21:26
Saturday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Manly Wharf, Belgrave St, Manly	20:35	20:50	21:12	21:42	22:12	22:42	23:12	23:42	00:12
Warringah Mall, Pittwater Rd, Brookvale	20:46	21:01	21:23	21:53	22:23	22:53	23:23	23:53	00:22
Pittwater Rd at Old Pittwater Rd, Brookvale	20:48	21:03	21:25	21:55	22:25	22:55	23:25	23:55	00:24
Dee Why B-Line, Dee Why	20:52	21:07	21:29	22:00	22:30	23:00	23:30	00:00	00:30
Collaroy B-Line, Collaroy	20:59	21:14	21:37	22:08	22:38	23:08	23:38	00:07	00:37
Narrabeen B-Line, Narrabeen	21:03	21:18	21:41	22:12	22:42	23:12	23:42	00:10	00:40
Warriewood B-Line, Warriewood	21:07	21:22	21:45	22:16	22:45	23:15	23:45	00:13	00:43
Mona Vale B-Line, Mona Vale	21:12	21:27	21:50	22:20	22:49	23:19	23:49	00:17	00:47
Barrenjoey Rd after Darley St, Mona Vale	21:15	21:30	21:53	22:23	22:51	23:21	23:51	00:19	00:49
Newport Anchorage Marina, Beaconsfield St, Newport	21:20	21:35	21:58	22:28	22:55	23:25	23:55	00:23	00:53
Barrenjoey Rd before Robertson Rd, Newport	21:24	21:39	22:02	22:32	22:58	23:28	23:58	00:26	00:56
Barrenjoey Rd near Avalon Pde, Avalon	21:29	21:44	22:07	22:37	23:03	23:33	00:03	00:31	01:01
Barrenjoey Rd near Careel Head Rd, Avalon	21:33	21:48	22:11	22:40	23:06	23:36	00:06	00:34	01:04
Ocean Pl at Ocean Rd, Palm Beach	21:41	21:56	22:19	22:48	23:14	23:44	00:14	00:42	01:12
Saturday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Manly Wharf, Belgrave St, Manly	00:31	00:55	01:25	01:55	02:25	02:55	03:25		
Warringah Mall, Pittwater Rd, Brookvale	00:41	01:05	01:35	02:05	02:35	03:05	03:35		
Pittwater Rd at Old Pittwater Rd, Brookvale	00:43	01:07	01:37	02:07	02:37	03:07	-		
Dee Why B-Line, Dee Why	00:49	01:13	01:43	02:13	02:43	03:13	-		
Collaroy B-Line, Collaroy	00:56	01:20	-	-	-	-	-		
Narrabeen B-Line, Narrabeen	00:59	01:23	-	-	-	-	-		
Warriewood B-Line, Warriewood	01:02	01:26	-	-	-	-	-		
Mona Vale B-Line, Mona Vale	01:06	01:30	-	-	-	-	-		
Sunday & Public Holidays	♿	♿	♿	♿	♿	♿	♿	♿	♿
Manly Wharf, Belgrave St, Manly	05:30	06:00	06:30	07:00	07:30	08:00	08:23	08:50	09:05
Warringah Mall, Pittwater Rd, Brookvale	05:38	06:08	06:38	07:08	07:38	08:08	08:35	09:02	09:17
Pittwater Rd at Old Pittwater Rd, Brookvale	05:40	06:10	06:40	07:10	07:41	08:11	08:38	09:05	09:20
Dee Why B-Line, Dee Why	05:45	06:15	06:45	07:15	07:46	08:16	08:43	09:10	09:25
Collaroy B-Line, Collaroy	05:51	06:21	06:51	07:21	07:53	08:23	08:50	09:17	09:32
Narrabeen B-Line, Narrabeen	05:55	06:25	06:55	07:25	07:57	08:27	08:54	09:21	09:36
Warriewood B-Line, Warriewood	05:59	06:29	06:59	07:29	08:01	08:31	08:58	09:25	09:40
Mona Vale B-Line, Mona Vale	06:04	06:34	07:04	07:34	08:06	08:36	09:04	09:31	09:46
Barrenjoey Rd after Darley St, Mona Vale	06:06	06:36	07:06	07:36	08:08	08:38	09:06	09:33	09:49
Newport Anchorage Marina, Beaconsfield St, Newport	06:10	06:40	07:10	07:40	08:12	08:42	09:11	09:38	09:54
Barrenjoey Rd before Robertson Rd, Newport	06:13	06:43	07:13	07:43	08:15	08:45	09:15	09:42	09:58
Barrenjoey Rd near Avalon Pde, Avalon	06:18	06:48	07:18	07:48	08:20	08:50	09:21	09:49	10:05
Barrenjoey Rd near Careel Head Rd, Avalon	06:21	06:51	07:21	07:51	08:23	08:53	09:24	09:53	10:09
Ocean Pl at Ocean Rd, Palm Beach	06:30	07:00	07:30	08:00	08:32	09:02	09:35	10:04	10:20

Sunday & Public Holidays	♿	♿	♿	♿	♿	♿	♿	♿	♿
Manly Wharf, Belgrave St, Manly	09:20	09:35	09:50	10:05	10:20	10:35	10:50	11:05	11:20
Warringah Mall, Pittwater Rd, Brookvale	09:32	09:47	10:02	10:17	10:32	10:47	11:02	11:17	11:32
Pittwater Rd at Old Pittwater Rd, Brookvale	09:35	09:50	10:05	10:20	10:35	10:50	11:05	11:20	11:35
Dee Why B-Line, Dee Why	09:40	09:55	10:10	10:25	10:40	10:55	11:10	11:25	11:41
Collaroy B-Line, Collaroy	09:47	10:02	10:17	10:32	10:47	11:02	11:17	11:33	11:50
Narrabeen B-Line, Narrabeen	09:51	10:06	10:21	10:36	10:51	11:06	11:21	11:38	11:55
Warriewood B-Line, Warriewood	09:55	10:10	10:25	10:40	10:55	11:10	11:25	11:42	11:59
Mona Vale B-Line, Mona Vale	10:01	10:16	10:31	10:46	11:01	11:16	11:31	11:48	12:05
Barrenjoey Rd after Darley St, Mona Vale	10:04	10:19	10:34	10:49	11:04	11:19	11:34	11:51	12:08
Newport Anchorage Marina, Beaconsfield St, Newport	10:09	10:24	10:39	10:54	11:09	11:24	11:39	11:56	12:13
Barrenjoey Rd before Robertson Rd, Newport	10:13	10:28	10:43	10:58	11:13	11:28	11:43	12:00	12:17
Barrenjoey Rd near Avalon Pde, Avalon	10:20	10:35	10:50	11:05	11:20	11:36	11:51	12:08	12:25
Barrenjoey Rd near Careel Head Rd, Avalon	10:24	10:39	10:54	11:09	11:24	11:40	11:55	12:12	12:29
Ocean Pl at Ocean Rd, Palm Beach	10:35	10:50	11:05	11:20	11:35	11:51	12:06	12:23	12:40
Sunday & Public Holidays	♿	♿	♿	♿	♿	♿	♿	♿	♿
Manly Wharf, Belgrave St, Manly	11:35	11:50	12:05	12:20	12:35	12:50	13:05	13:20	13:35
Warringah Mall, Pittwater Rd, Brookvale	11:47	12:02	12:17	12:32	12:47	13:02	13:17	13:32	13:47
Pittwater Rd at Old Pittwater Rd, Brookvale	11:50	12:05	12:20	12:35	12:50	13:05	13:20	13:35	13:50
Dee Why B-Line, Dee Why	11:56	12:11	12:26	12:41	12:56	13:11	13:26	13:41	13:56
Collaroy B-Line, Collaroy	12:05	12:20	12:35	12:50	13:04	13:19	13:34	13:49	14:04
Narrabeen B-Line, Narrabeen	12:10	12:25	12:40	12:55	13:09	13:24	13:39	13:54	14:09
Warriewood B-Line, Warriewood	12:14	12:29	12:44	12:59	13:13	13:28	13:43	13:58	14:13
Mona Vale B-Line, Mona Vale	12:20	12:35	12:50	13:05	13:19	13:34	13:49	14:04	14:19
Barrenjoey Rd after Darley St, Mona Vale	12:23	12:38	12:53	13:08	13:22	13:37	13:52	14:07	14:22
Newport Anchorage Marina, Beaconsfield St, Newport	12:28	12:43	12:58	13:13	13:27	13:42	13:57	14:12	14:28
Barrenjoey Rd before Robertson Rd, Newport	12:32	12:47	13:02	13:17	13:31	13:46	14:01	14:16	14:32
Barrenjoey Rd near Avalon Pde, Avalon	12:40	12:55	13:10	13:25	13:39	13:54	14:09	14:24	14:39
Barrenjoey Rd near Careel Head Rd, Avalon	12:44	12:59	13:14	13:29	13:43	13:58	14:13	14:28	14:43
Ocean Pl at Ocean Rd, Palm Beach	12:55	13:10	13:25	13:40	13:54	14:09	14:24	14:39	14:54
Sunday & Public Holidays	♿	♿	♿	♿	♿	♿	♿	♿	♿
Manly Wharf, Belgrave St, Manly	13:50	14:05	14:20	14:35	14:50	15:05	15:20	15:35	15:50
Warringah Mall, Pittwater Rd, Brookvale	14:02	14:17	14:32	14:47	15:02	15:17	15:32	15:47	16:02
Pittwater Rd at Old Pittwater Rd, Brookvale	14:05	14:20	14:35	14:50	15:05	15:20	15:35	15:50	16:05
Dee Why B-Line, Dee Why	14:11	14:26	14:41	14:56	15:11	15:26	15:41	15:56	16:11
Collaroy B-Line, Collaroy	14:19	14:34	14:49	15:04	15:19	15:34	15:49	16:04	16:19
Narrabeen B-Line, Narrabeen	14:24	14:39	14:54	15:09	15:24	15:39	15:54	16:09	16:24
Warriewood B-Line, Warriewood	14:28	14:43	14:58	15:13	15:28	15:43	15:58	16:13	16:28
Mona Vale B-Line, Mona Vale	14:33	14:48	15:03	15:18	15:33	15:48	16:03	16:18	16:33
Barrenjoey Rd after Darley St, Mona Vale	14:36	14:51	15:06	15:21	15:36	15:51	16:06	16:21	16:36
Newport Anchorage Marina, Beaconsfield St, Newport	14:42	14:57	15:12	15:27	15:42	15:57	16:12	16:27	16:42
Barrenjoey Rd before Robertson Rd, Newport	14:46	15:01	15:16	15:31	15:46	16:01	16:16	16:31	16:46
Barrenjoey Rd near Avalon Pde, Avalon	14:53	15:08	15:23	15:37	15:52	16:07	16:22	16:37	16:52
Barrenjoey Rd near Careel Head Rd, Avalon	14:57	15:12	15:27	15:41	15:56	16:11	16:26	16:41	16:56
Ocean Pl at Ocean Rd, Palm Beach	15:07	15:22	15:36	15:50	16:05	16:20	16:35	16:50	17:05

Sunday & Public Holidays	♿	♿	♿	♿	♿	♿	♿	♿	♿
Manly Wharf, Belgrave St, Manly	16:05	16:20	16:35	16:50	17:05	17:20	17:35	17:50	18:05
Warringah Mall, Pittwater Rd, Brookvale	16:17	16:32	16:46	17:01	17:16	17:31	17:46	18:01	18:16
Pittwater Rd at Old Pittwater Rd, Brookvale	16:20	16:35	16:48	17:03	17:18	17:33	17:48	18:03	18:18
Dee Why B-Line, Dee Why	16:26	16:41	16:54	17:09	17:24	17:39	17:54	18:09	18:23
Collaroy B-Line, Collaroy	16:34	16:49	17:02	17:17	17:32	17:47	18:02	18:17	18:29
Narrabeen B-Line, Narrabeen	16:39	16:54	17:07	17:22	17:37	17:52	18:07	18:22	18:34
Warriewood B-Line, Warriewood	16:43	16:58	17:11	17:26	17:41	17:56	18:11	18:26	18:38
Mona Vale B-Line, Mona Vale	16:48	17:03	17:16	17:31	17:46	18:01	18:16	18:31	18:43
Barrenjoey Rd after Darley St, Mona Vale	16:51	17:06	17:19	17:34	17:49	18:03	18:18	18:33	18:45
Newport Anchorage Marina, Beaconsfield St, Newport	16:57	17:12	17:25	17:40	17:54	18:08	18:23	18:38	18:50
Barrenjoey Rd before Robertson Rd, Newport	17:01	17:16	17:29	17:44	17:58	18:12	18:27	18:42	18:54
Barrenjoey Rd near Avalon Pde, Avalon	17:07	17:22	17:35	17:50	18:04	18:18	18:33	18:48	19:00
Barrenjoey Rd near Careel Head Rd, Avalon	17:11	17:26	17:39	17:54	18:08	18:22	18:37	18:52	19:04
Ocean Pl at Ocean Rd, Palm Beach	17:20	17:35	17:48	18:03	18:17	18:31	18:46	19:01	19:13

Sunday & Public Holidays	♿	♿	♿	♿	♿	♿	♿	♿	♿
Manly Wharf, Belgrave St, Manly	18:20	18:35	18:50	19:05	19:20	19:35	19:50	20:05	20:20
Warringah Mall, Pittwater Rd, Brookvale	18:31	18:46	19:01	19:16	19:31	19:46	20:01	20:14	20:29
Pittwater Rd at Old Pittwater Rd, Brookvale	18:33	18:48	19:03	19:18	19:33	19:48	20:03	20:16	20:31
Dee Why B-Line, Dee Why	18:38	18:53	19:08	19:23	19:38	19:53	20:08	20:21	20:36
Collaroy B-Line, Collaroy	18:44	18:59	19:14	19:29	19:44	19:59	20:13	20:26	20:41
Narrabeen B-Line, Narrabeen	18:49	19:04	19:19	19:34	19:49	20:03	20:17	20:30	20:45
Warriewood B-Line, Warriewood	18:53	19:08	19:23	19:38	19:53	20:07	20:21	20:34	20:49
Mona Vale B-Line, Mona Vale	18:58	19:13	19:28	19:43	19:58	20:12	20:26	20:39	20:54
Barrenjoey Rd after Darley St, Mona Vale	19:00	19:15	19:30	19:45	20:00	20:14	20:28	20:41	20:56
Newport Anchorage Marina, Beaconsfield St, Newport	19:05	19:20	19:35	19:50	20:05	20:19	20:33	20:46	21:01
Barrenjoey Rd before Robertson Rd, Newport	19:09	19:23	19:38	19:53	20:08	20:22	20:36	20:49	21:04
Barrenjoey Rd near Avalon Pde, Avalon	19:15	19:29	19:44	19:59	20:14	20:28	20:42	20:55	21:10
Barrenjoey Rd near Careel Head Rd, Avalon	19:19	19:33	19:48	20:03	20:17	20:31	20:45	20:58	21:13
Ocean Pl at Ocean Rd, Palm Beach	19:28	19:42	19:57	20:12	20:26	20:40	20:54	21:07	21:22

Sunday & Public Holidays	♿	♿	♿	♿	♿	♿	♿	♿	♿
Manly Wharf, Belgrave St, Manly	20:35	20:50	21:12	21:42	22:12	22:42	23:12	23:42	00:12
Warringah Mall, Pittwater Rd, Brookvale	20:44	20:59	21:21	21:51	22:21	22:51	23:21	23:51	00:20
Pittwater Rd at Old Pittwater Rd, Brookvale	20:46	21:01	21:23	21:53	22:23	22:53	23:23	23:53	00:22
Dee Why B-Line, Dee Why	20:51	21:06	21:28	21:58	22:28	22:58	23:28	23:58	00:26
Collaroy B-Line, Collaroy	20:56	21:11	21:33	22:03	22:33	23:03	23:33	00:02	00:30
Narrabeen B-Line, Narrabeen	21:00	21:15	21:37	22:07	22:37	23:07	23:37	00:06	00:34
Warriewood B-Line, Warriewood	21:04	21:19	21:41	22:11	22:41	23:11	23:41	00:10	00:38
Mona Vale B-Line, Mona Vale	21:09	21:24	21:46	22:15	22:45	23:15	23:45	00:14	00:42
Barrenjoey Rd after Darley St, Mona Vale	21:11	21:26	21:48	22:17	22:47	23:17	23:47	00:16	00:44
Newport Anchorage Marina, Beaconsfield St, Newport	21:16	21:31	21:53	22:22	22:52	23:22	23:52	00:21	00:49
Barrenjoey Rd before Robertson Rd, Newport	21:19	21:34	21:56	22:25	22:55	23:25	23:55	00:24	00:52
Barrenjoey Rd near Avalon Pde, Avalon	21:24	21:39	22:01	22:30	23:00	23:30	00:00	00:29	00:57
Barrenjoey Rd near Careel Head Rd, Avalon	21:27	21:42	22:04	22:33	23:03	23:33	00:03	00:32	01:00
Ocean Pl at Ocean Rd, Palm Beach	21:35	21:50	22:12	22:41	23:11	23:41	00:11	00:40	01:08

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PrePay-Only - Palm Beach to Manly

B

Monday to Friday									
Ocean Pl at Ocean Rd, Palm Beach	-	05:02	-	05:36	-	06:03	-	06:30	-
Barrenjoey Rd near Careel Head Rd, Avalon	-	05:08	-	05:42	-	06:09	-	06:39	-
Barrenjoey Rd near Avalon Pde, Avalon	-	05:10	05:30	05:44	05:56	06:11	06:25	06:43	06:50
Barrenjoey Rd after Bramley Ave, Newport	-	05:15	05:35	05:49	06:01	06:16	06:32	06:50	06:57
Beaconsfield St opp Queens Pde, Newport	-	05:18	05:38	05:52	06:04	06:19	06:37	06:55	07:02
Barrenjoey Rd before Darley St, Mona Vale	-	05:22	05:42	05:56	06:08	06:23	06:43	07:01	07:08
Barrenjoey Rd opp Village Park, Mona Vale	-	05:23	05:43	05:57	06:09	06:24	06:45	07:03	07:10
Warriewood B-Line, Warriewood	-	05:28	05:48	06:02	06:14	06:29	06:50	07:08	07:15
Narrabeen Shops, Pittwater Rd, Narrabeen	-	05:32	05:52	06:06	06:18	06:33	06:54	07:12	07:19
Collaroy B-Line, Collaroy	-	05:38	05:58	06:12	06:24	06:39	07:00	07:18	07:25
Dee Why Shops, Pittwater Rd, Dee Why	-	05:44	06:04	06:18	06:31	06:46	07:07	07:25	07:33
Pittwater Rd after Chard Rd, Brookvale	-	05:48	06:08	06:22	06:37	06:52	07:13	07:33	07:41
Warringah Mall, Pittwater Rd, Brookvale	05:11	05:50	06:10	06:24	06:39	06:54	07:15	07:36	07:44
Manly Wharf Stand J, Manly	05:21	06:00	06:20	06:35	06:50	07:05	07:26	07:49	07:57

Monday to Friday									
Ocean Pl at Ocean Rd, Palm Beach	06:50	07:00	-	07:30	-	08:00	-	08:30	-
Barrenjoey Rd near Careel Head Rd, Avalon	06:59	07:09	-	07:39	-	08:09	-	08:39	-
Barrenjoey Rd near Avalon Pde, Avalon	07:03	07:13	07:28	07:45	08:01	08:15	08:30	08:46	09:01
Barrenjoey Rd after Bramley Ave, Newport	07:10	07:20	07:35	07:52	08:08	08:22	08:38	08:54	09:08
Beaconsfield St opp Queens Pde, Newport	07:15	07:25	07:40	07:57	08:13	08:27	08:43	08:59	09:13
Barrenjoey Rd before Darley St, Mona Vale	07:21	07:33	07:48	08:05	08:21	08:35	08:51	09:07	09:21
Barrenjoey Rd opp Village Park, Mona Vale	07:23	07:36	07:51	08:08	08:24	08:38	08:54	09:10	09:24
Warriewood B-Line, Warriewood	07:28	07:41	07:56	08:13	08:29	08:43	08:59	09:15	09:29
Narrabeen Shops, Pittwater Rd, Narrabeen	07:32	07:45	08:00	08:17	08:33	08:47	09:03	09:19	09:33
Collaroy B-Line, Collaroy	07:38	07:51	08:06	08:23	08:38	08:52	09:08	09:24	09:38
Dee Why Shops, Pittwater Rd, Dee Why	07:46	07:59	08:14	08:32	08:47	09:01	09:17	09:33	09:47
Pittwater Rd after Chard Rd, Brookvale	07:54	08:07	08:22	08:40	08:55	09:09	09:25	09:41	09:55
Warringah Mall, Pittwater Rd, Brookvale	07:57	08:10	08:25	08:43	08:58	09:12	09:28	09:44	09:58
Manly Wharf Stand J, Manly	08:10	08:23	08:38	08:56	09:10	09:24	09:40	09:56	10:10
St Pauls College, Darley Rd, Manly	-	08:27	-	-	-	-	-	-	-
Victoria Pde near Manly School, Manly	-	-	-	08:58	-	-	-	-	-

Monday to Friday										
Ocean Pl at Ocean Rd, Palm Beach	09:01	-	09:33	-	10:05	10:20	-	10:50	-	
Barrenjoey Rd near Careel Head Rd, Avalon	09:10	-	09:42	-	10:14	10:29	-	10:59	-	
Barrenjoey Rd near Avalon Pde, Avalon	09:17	09:32	09:49	10:04	10:19	10:34	10:49	11:04	11:19	
Barrenjoey Rd after Bramley Ave, Newport	09:24	09:39	09:56	10:11	10:26	10:41	10:56	11:11	11:26	
Beaconsfield St opp Queens Pde, Newport	09:29	09:44	10:00	10:15	10:30	10:45	11:00	11:15	11:30	
Barrenjoey Rd before Darley St, Mona Vale	09:37	09:52	10:07	10:22	10:37	10:52	11:07	11:22	11:37	
Barrenjoey Rd opp Village Park, Mona Vale	09:40	09:55	10:10	10:25	10:40	10:55	11:10	11:25	11:40	
Warriewood B-Line, Warriewood	09:45	10:00	10:15	10:30	10:45	11:00	11:15	11:30	11:45	
Narrabeen Shops, Pittwater Rd, Narrabeen	09:49	10:04	10:19	10:34	10:49	11:04	11:19	11:34	11:49	
Collaroy B-Line, Collaroy	09:54	10:09	10:24	10:39	10:54	11:09	11:24	11:39	11:54	
Dee Why Shops, Pittwater Rd, Dee Why	10:03	10:18	10:33	10:48	11:03	11:18	11:33	11:48	12:03	
Pittwater Rd after Chard Rd, Brookvale	10:10	10:25	10:40	10:55	11:10	11:25	11:40	11:55	12:10	
Warringah Mall, Pittwater Rd, Brookvale	10:13	10:28	10:43	10:58	11:13	11:28	11:43	11:58	12:13	
Manly Wharf Stand J, Manly	10:25	10:40	10:55	11:10	11:25	11:40	11:55	12:10	12:25	

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PrePay-Only - Palm Beach to Manly

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Monday to Friday									
Ocean Pl at Ocean Rd, Palm Beach	11:20	-	11:50	-	12:20	-	12:50	-	13:20
Barrenjoey Rd near Careel Head Rd, Avalon	11:29	-	11:59	-	12:29	-	12:59	-	13:29
Barrenjoey Rd near Avalon Pde, Avalon	11:34	11:49	12:04	12:19	12:34	12:49	13:04	13:19	13:34
Barrenjoey Rd after Bramley Ave, Newport	11:41	11:56	12:11	12:26	12:41	12:56	13:11	13:26	13:41
Beaconsfield St opp Queens Pde, Newport	11:45	12:00	12:15	12:30	12:45	13:00	13:15	13:30	13:45
Barrenjoey Rd before Darley St, Mona Vale	11:52	12:07	12:22	12:37	12:52	13:07	13:22	13:37	13:52
Barrenjoey Rd opp Village Park, Mona Vale	11:55	12:10	12:25	12:40	12:55	13:10	13:25	13:40	13:55
Warriewood B-Line, Warriewood	12:00	12:15	12:30	12:45	13:00	13:15	13:30	13:45	14:00
Narrabeen Shops, Pittwater Rd, Narrabeen	12:04	12:19	12:34	12:49	13:04	13:19	13:34	13:49	14:04
Collaroy B-Line, Collaroy	12:09	12:24	12:39	12:54	13:09	13:24	13:39	13:54	14:09
Dee Why Shops, Pittwater Rd, Dee Why	12:18	12:33	12:48	13:03	13:18	13:33	13:48	14:03	14:18
Pittwater Rd after Chard Rd, Brookvale	12:25	12:40	12:55	13:10	13:25	13:40	13:55	14:10	14:25
Warringah Mall, Pittwater Rd, Brookvale	12:28	12:43	12:58	13:13	13:28	13:43	13:58	14:13	14:28
Manly Wharf Stand J, Manly	12:40	12:55	13:10	13:25	13:40	13:55	14:10	14:25	14:40

Monday to Friday	♿		♿		♿	♿	♿	♿	
Ocean Pl at Ocean Rd, Palm Beach	-	13:50	-	14:16	-	14:47	-	15:20	-
Barrenjoey Rd near Careel Head Rd, Avalon	-	13:59	-	14:25	-	14:56	-	15:29	-
Barrenjoey Rd near Avalon Pde, Avalon	13:49	14:04	14:17	14:30	14:45	15:01	15:18	15:33	15:48
Barrenjoey Rd after Bramley Ave, Newport	13:56	14:11	14:24	14:38	14:53	15:09	15:25	15:40	15:55
Beaconsfield St opp Queens Pde, Newport	14:00	14:15	14:28	14:42	14:57	15:13	15:29	15:44	15:59
Barrenjoey Rd before Darley St, Mona Vale	14:07	14:22	14:35	14:49	15:04	15:20	15:35	15:50	16:05
Barrenjoey Rd opp Village Park, Mona Vale	14:10	14:25	14:38	14:52	15:07	15:22	15:37	15:52	16:07
Warriewood B-Line, Warriewood	14:15	14:30	14:43	14:57	15:12	15:27	15:42	15:57	16:12
Narrabeen Shops, Pittwater Rd, Narrabeen	14:19	14:35	14:48	15:02	15:17	15:32	15:47	16:02	16:17
Collaroy B-Line, Collaroy	14:24	14:40	14:53	15:07	15:22	15:37	15:52	16:07	16:22
Dee Why Shops, Pittwater Rd, Dee Why	14:33	14:49	15:02	15:16	15:31	15:46	16:01	16:16	16:31
Pittwater Rd after Chard Rd, Brookvale	14:40	14:56	15:09	15:23	15:38	15:53	16:08	16:23	16:38
Warringah Mall, Pittwater Rd, Brookvale	14:43	14:59	15:12	15:26	15:41	15:56	16:11	16:26	16:41
Manly Wharf Stand J, Manly	14:55	15:11	15:25	15:40	15:55	16:10	16:25	16:40	16:55

Monday to Friday									
Ocean Pl at Ocean Rd, Palm Beach	15:50	-	-	16:20	-	16:50	-	17:22	17:37
Barrenjoey Rd near Careel Head Rd, Avalon	15:59	-	-	16:29	-	16:59	-	17:31	17:46
Barrenjoey Rd near Avalon Pde, Avalon	16:03	16:10	16:18	16:33	16:48	17:03	17:19	17:35	17:50
Barrenjoey Rd after Bramley Ave, Newport	16:10	16:17	16:25	16:40	16:55	17:10	17:26	17:42	17:57
Beaconsfield St opp Queens Pde, Newport	16:14	16:21	16:29	16:44	16:59	17:14	17:30	17:46	18:01
Barrenjoey Rd before Darley St, Mona Vale	16:20	16:27	16:35	16:50	17:05	17:20	17:36	17:52	18:07
Barrenjoey Rd opp Village Park, Mona Vale	16:22	16:29	16:37	16:52	17:07	17:22	17:38	17:54	18:09
Warriewood B-Line, Warriewood	16:27	16:34	16:42	16:57	17:12	17:27	17:43	17:59	18:14
Narrabeen Shops, Pittwater Rd, Narrabeen	16:32	16:39	16:47	17:02	17:17	17:32	17:48	18:04	18:19
Collaroy B-Line, Collaroy	16:37	16:44	16:52	17:07	17:22	17:37	17:53	18:09	18:24
Dee Why Shops, Pittwater Rd, Dee Why	16:46	16:53	17:01	17:16	17:31	17:46	18:02	18:17	18:32
Pittwater Rd after Chard Rd, Brookvale	16:53	17:00	17:08	17:23	17:38	17:53	18:08	18:23	18:38
Warringah Mall, Pittwater Rd, Brookvale	16:56	-	17:11	17:26	17:41	17:56	18:11	18:26	18:41
Manly Wharf Stand J, Manly	17:10	-	17:25	17:40	17:55	18:10	18:22	18:37	18:52

Monday to Friday									
Ocean Pl at Ocean Rd, Palm Beach	17:55	18:13	18:28	18:44	18:59	19:14	19:29	19:44	19:59
Barrenjoey Rd near Careel Head Rd, Avalon	18:04	18:21	18:36	18:52	19:07	19:22	19:37	19:52	20:07
Barrenjoey Rd near Avalon Pde, Avalon	18:08	18:25	18:40	18:56	19:11	19:26	19:41	19:56	20:11
Barrenjoey Rd after Bramley Ave, Newport	18:14	18:30	18:45	19:01	19:16	19:31	19:46	20:01	20:16
Beaconsfield St opp Queens Pde, Newport	18:17	18:33	18:48	19:04	19:19	19:34	19:49	20:04	20:19
Barrenjoey Rd before Darley St, Mona Vale	18:22	18:38	18:53	19:09	19:24	19:39	19:54	20:09	20:24
Barrenjoey Rd opp Village Park, Mona Vale	18:24	18:40	18:55	19:11	19:26	19:41	19:56	20:11	20:26
Warriewood B-Line, Warriewood	18:29	18:45	19:00	19:16	19:31	19:46	20:01	20:16	20:31
Narrabeen Shops, Pittwater Rd, Narrabeen	18:34	18:50	19:05	19:21	19:36	19:51	20:06	20:21	20:36
Collaroy B-Line, Collaroy	18:39	18:55	19:10	19:26	19:41	19:56	20:10	20:25	20:40
Dee Why Shops, Pittwater Rd, Dee Why	18:47	19:03	19:18	19:33	19:48	20:03	20:17	20:32	20:47
Pittwater Rd after Chard Rd, Brookvale	18:53	19:09	19:24	19:39	19:54	20:08	20:21	20:36	20:51
Warringah Mall, Pittwater Rd, Brookvale	18:56	19:11	19:26	19:41	19:56	20:10	20:23	20:38	20:53
Manly Wharf Stand J, Manly	19:07	19:22	19:37	19:52	20:07	20:20	20:33	20:48	21:03

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PrePay-Only - Palm Beach to Manly

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Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿
Ocean Pl at Ocean Rd, Palm Beach	-	20:29	-	20:59	-	21:29	-	21:59
Barrenjoey Rd near Careel Head Rd, Avalon	-	20:37	-	21:07	-	21:37	-	22:07
Barrenjoey Rd near Avalon Pde, Avalon	20:26	20:41	20:56	21:11	21:26	21:41	21:55	22:10
Barrenjoey Rd after Bramley Ave, Newport	20:31	20:46	21:01	21:16	21:31	21:46	22:00	22:15
Beaconsfield St opp Queens Pde, Newport	20:34	20:49	21:04	21:19	21:34	21:49	22:03	22:18
Barrenjoey Rd before Darley St, Mona Vale	20:39	20:54	21:09	21:24	21:39	21:54	22:07	22:22
Barrenjoey Rd opp Village Park, Mona Vale	20:41	20:56	21:11	21:26	21:41	21:56	22:09	22:24
Warriewood B-Line, Warriewood	20:46	21:01	21:16	21:31	21:46	22:01	22:14	22:29
Narrabeen Shops, Pittwater Rd, Narrabeen	20:51	21:06	21:21	21:36	21:51	22:06	22:19	22:34
Collaroy B-Line, Collaroy	20:55	21:10	21:25	21:40	21:55	22:10	22:23	22:38
Dee Why Shops, Pittwater Rd, Dee Why	21:02	21:17	21:32	21:47	22:02	22:17	22:30	22:44
Pittwater Rd after Chard Rd, Brookvale	21:06	21:21	21:36	21:51	22:06	22:21	22:34	22:48
Warringah Mall, Pittwater Rd, Brookvale	21:08	21:23	21:38	21:53	22:08	22:23	22:36	22:50
Manly Wharf Stand J, Manly	♿21:18	♿21:33	♿21:48	♿22:02	♿22:16	♿22:31	♿22:44	♿22:58

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿
Ocean Pl at Ocean Rd, Palm Beach	22:29	23:04	-	23:45	00:15	00:45	02:05	
Barrenjoey Rd near Careel Head Rd, Avalon	22:37	23:12	-	23:51	00:21	00:51	02:11	
Barrenjoey Rd near Avalon Pde, Avalon	22:40	23:15	23:50	23:53	00:23	00:53	02:13	
Barrenjoey Rd after Bramley Ave, Newport	22:45	23:20	23:55	23:58	00:28	00:58	02:18	
Beaconsfield St opp Queens Pde, Newport	22:48	23:23	23:58	00:01	00:31	01:01	02:21	
Barrenjoey Rd before Darley St, Mona Vale	22:52	23:27	00:02	00:05	00:35	01:05	02:25	
Barrenjoey Rd opp Village Park, Mona Vale	22:54	23:29	00:03	00:06	00:36	01:06	02:26	
Warriewood B-Line, Warriewood	22:59	23:34	00:08	00:11	-	-	-	
Narrabeen Shops, Pittwater Rd, Narrabeen	23:04	23:38	00:12	00:15	-	-	-	
Collaroy B-Line, Collaroy	23:08	23:41	00:15	00:18	-	-	-	
Dee Why Shops, Pittwater Rd, Dee Why	23:14	23:47	00:21	00:24	-	-	-	
Pittwater Rd after Chard Rd, Brookvale	23:18	23:51	00:25	00:28	-	-	-	
Warringah Mall, Pittwater Rd, Brookvale	23:20	23:53	-	00:30	-	-	-	
Manly Wharf Stand J, Manly	♿23:28	♿00:01	-	♿00:38	-	-	-	

Saturday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Ocean Pl at Ocean Rd, Palm Beach	04:51	05:21	05:46	06:16	06:46	07:05	07:20	07:35	07:50
Barrenjoey Rd near Careel Head Rd, Avalon	04:59	05:29	05:54	06:24	06:54	07:13	07:29	07:44	07:59
Barrenjoey Rd near Avalon Pde, Avalon	05:02	05:32	05:57	06:28	06:58	07:17	07:33	07:48	08:03
Barrenjoey Rd after Bramley Ave, Newport	05:08	05:38	06:03	06:34	07:04	07:24	07:40	07:55	08:10
Beaconsfield St opp Queens Pde, Newport	05:11	05:41	06:06	06:37	07:07	07:27	07:43	07:58	08:13
Barrenjoey Rd before Darley St, Mona Vale	05:16	05:46	06:11	06:42	07:12	07:33	07:49	08:04	08:19
Barrenjoey Rd opp Village Park, Mona Vale	05:18	05:48	06:13	06:44	07:14	07:35	07:51	08:06	08:21
Warriewood B-Line, Warriewood	05:22	05:52	06:17	06:48	07:18	07:39	07:55	08:11	08:26
Narrabeen Shops, Pittwater Rd, Narrabeen	05:26	05:56	06:21	06:52	07:22	07:43	07:59	08:16	08:31
Collaroy B-Line, Collaroy	05:30	06:00	06:26	06:59	07:29	07:50	08:06	08:23	08:38
Dee Why Shops, Pittwater Rd, Dee Why	05:35	06:05	06:31	07:04	07:34	07:55	08:12	08:29	08:44
Pittwater Rd after Chard Rd, Brookvale	05:40	06:10	06:36	07:09	07:39	08:00	08:18	08:35	08:50
Warringah Mall, Pittwater Rd, Brookvale	05:42	06:12	06:38	07:11	07:41	08:02	08:20	08:37	08:52
Manly Wharf Stand J, Manly	♿05:50	♿06:21	♿06:47	♿07:21	♿07:51	♿08:13	♿08:31	♿08:48	♿09:04

Saturday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Ocean Pl at Ocean Rd, Palm Beach	08:05	08:20	08:35	08:50	09:05	09:20	09:35	09:50	10:05
Barrenjoey Rd near Careel Head Rd, Avalon	08:15	08:30	08:45	09:00	09:15	09:30	09:45	10:00	10:15
Barrenjoey Rd near Avalon Pde, Avalon	08:19	08:34	08:49	09:04	09:19	09:34	09:49	10:04	10:19
Barrenjoey Rd after Bramley Ave, Newport	08:26	08:41	08:56	09:11	09:26	09:41	09:56	10:11	10:26
Beaconsfield St opp Queens Pde, Newport	08:29	08:45	09:00	09:15	09:30	09:45	10:00	10:15	10:30
Barrenjoey Rd before Darley St, Mona Vale	08:35	08:51	09:06	09:22	09:37	09:52	10:07	10:22	10:37
Barrenjoey Rd opp Village Park, Mona Vale	08:38	08:54	09:09	09:25	09:40	09:55	10:10	10:25	10:40
Warriewood B-Line, Warriewood	08:43	08:59	09:15	09:31	09:46	10:01	10:16	10:31	10:46
Narrabeen Shops, Pittwater Rd, Narrabeen	08:48	09:04	09:20	09:36	09:51	10:06	10:21	10:36	10:51
Collaroy B-Line, Collaroy	08:55	09:11	09:27	09:43	09:58	10:13	10:28	10:43	10:58
Dee Why Shops, Pittwater Rd, Dee Why	09:03	09:19	09:35	09:51	10:06	10:21	10:38	10:54	11:09
Pittwater Rd after Chard Rd, Brookvale	09:09	09:25	09:41	09:57	10:12	10:27	10:46	11:02	11:17
Warringah Mall, Pittwater Rd, Brookvale	09:11	09:27	09:43	09:59	10:14	10:29	10:48	11:04	11:19
Manly Wharf Stand J, Manly	♿09:23	♿09:39	♿09:55	♿10:11	♿10:26	♿10:42	♿11:01	♿11:17	♿11:32

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PrePay-Only - Palm Beach to Manly

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Saturday	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶
Ocean Pl at Ocean Rd, Palm Beach	10:20	10:35	10:50	11:05	11:20	11:35	11:50	12:05	12:20
Barrenjoey Rd near Careel Head Rd, Avalon	10:30	10:45	11:00	11:15	11:30	11:45	12:00	12:15	12:30
Barrenjoey Rd near Avalon Pde, Avalon	10:34	10:49	11:04	11:19	11:34	11:49	12:04	12:19	12:34
Barrenjoey Rd after Bramley Ave, Newport	10:41	10:56	11:11	11:26	11:41	11:56	12:11	12:26	12:41
Beaconsfield St opp Queens Pde, Newport	10:45	11:00	11:15	11:30	11:45	12:00	12:15	12:30	12:45
Barrenjoey Rd before Darley St, Mona Vale	10:51	11:06	11:21	11:36	11:51	12:06	12:21	12:36	12:51
Barrenjoey Rd opp Village Park, Mona Vale	10:54	11:09	11:24	11:39	11:54	12:09	12:24	12:39	12:54
Warriewood B-Line, Warriewood	11:00	11:15	11:30	11:45	12:00	12:15	12:30	12:45	13:00
Narrabeen Shops, Pittwater Rd, Narrabeen	11:05	11:20	11:35	11:50	12:05	12:20	12:35	12:50	13:05
Collaroy B-Line, Collaroy	11:12	11:27	11:42	11:57	12:12	12:27	12:42	12:57	13:11
Dee Why Shops, Pittwater Rd, Dee Why	11:23	11:38	11:53	12:08	12:22	12:37	12:52	13:05	13:19
Pittwater Rd after Chard Rd, Brookvale	11:31	11:46	12:01	12:16	12:28	12:43	12:58	13:11	13:25
Warringah Mall, Pittwater Rd, Brookvale	11:33	11:48	12:03	12:18	12:30	12:45	13:00	13:13	13:27
Manly Wharf Stand J, Manly	11:46	12:01	12:16	12:31	12:43	12:58	13:13	13:26	13:40

Saturday	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶
Ocean Pl at Ocean Rd, Palm Beach	12:37	12:50	13:05	13:20	13:35	13:50	14:05	14:20	14:35
Barrenjoey Rd near Careel Head Rd, Avalon	12:47	13:00	13:15	13:30	13:45	14:00	14:15	14:30	14:45
Barrenjoey Rd near Avalon Pde, Avalon	12:51	13:04	13:19	13:34	13:49	14:04	14:19	14:34	14:49
Barrenjoey Rd after Bramley Ave, Newport	12:58	13:11	13:26	13:41	13:56	14:11	14:26	14:41	14:56
Beaconsfield St opp Queens Pde, Newport	13:02	13:15	13:29	13:44	13:59	14:14	14:29	14:44	14:59
Barrenjoey Rd before Darley St, Mona Vale	13:08	13:21	13:35	13:50	14:05	14:20	14:35	14:50	15:05
Barrenjoey Rd opp Village Park, Mona Vale	13:11	13:24	13:38	13:53	14:08	14:23	14:38	14:53	15:08
Warriewood B-Line, Warriewood	13:17	13:30	13:44	13:59	14:14	14:29	14:44	14:59	15:14
Narrabeen Shops, Pittwater Rd, Narrabeen	13:22	13:35	13:49	14:04	14:19	14:34	14:49	15:04	15:19
Collaroy B-Line, Collaroy	13:28	13:41	13:55	14:10	14:25	14:40	14:55	15:10	15:25
Dee Why Shops, Pittwater Rd, Dee Why	13:36	13:49	14:03	14:18	14:33	14:48	15:03	15:18	15:33
Pittwater Rd after Chard Rd, Brookvale	13:42	13:55	14:09	14:24	14:39	14:54	15:09	15:24	15:39
Warringah Mall, Pittwater Rd, Brookvale	13:44	13:57	14:11	14:26	14:41	14:56	15:11	15:26	15:41
Manly Wharf Stand J, Manly	13:57	14:10	14:24	14:39	14:54	15:09	15:24	15:39	15:54

Saturday	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶
Ocean Pl at Ocean Rd, Palm Beach	14:50	15:05	15:20	15:35	15:50	16:05	16:20	16:35	16:50
Barrenjoey Rd near Careel Head Rd, Avalon	15:00	15:15	15:30	15:45	16:00	16:15	16:30	16:45	17:00
Barrenjoey Rd near Avalon Pde, Avalon	15:04	15:19	15:34	15:49	16:04	16:19	16:34	16:49	17:04
Barrenjoey Rd after Bramley Ave, Newport	15:11	15:26	15:41	15:56	16:11	16:26	16:41	16:56	17:11
Beaconsfield St opp Queens Pde, Newport	15:14	15:29	15:44	15:59	16:14	16:29	16:44	16:59	17:14
Barrenjoey Rd before Darley St, Mona Vale	15:20	15:35	15:50	16:05	16:20	16:35	16:50	17:05	17:20
Barrenjoey Rd opp Village Park, Mona Vale	15:23	15:38	15:53	16:08	16:23	16:38	16:53	17:08	17:23
Warriewood B-Line, Warriewood	15:29	15:44	15:59	16:14	16:29	16:44	16:59	17:14	17:29
Narrabeen Shops, Pittwater Rd, Narrabeen	15:34	15:49	16:04	16:19	16:34	16:49	17:04	17:19	17:34
Collaroy B-Line, Collaroy	15:40	15:55	16:10	16:25	16:40	16:55	17:10	17:25	17:40
Dee Why Shops, Pittwater Rd, Dee Why	15:48	16:03	16:18	16:33	16:48	17:03	17:18	17:33	17:48
Pittwater Rd after Chard Rd, Brookvale	15:54	16:09	16:24	16:39	16:54	17:09	17:24	17:39	17:54
Warringah Mall, Pittwater Rd, Brookvale	15:56	16:11	16:26	16:41	16:56	17:11	17:26	17:41	17:56
Manly Wharf Stand J, Manly	16:09	16:24	16:39	16:54	17:09	17:24	17:39	17:54	18:09

Saturday	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶
Ocean Pl at Ocean Rd, Palm Beach	17:05	17:20	17:35	17:50	18:05	18:20	18:35	18:50	19:05
Barrenjoey Rd near Careel Head Rd, Avalon	17:15	17:30	17:45	17:59	18:14	18:29	18:44	18:59	19:14
Barrenjoey Rd near Avalon Pde, Avalon	17:19	17:34	17:49	18:03	18:18	18:33	18:48	19:03	19:18
Barrenjoey Rd after Bramley Ave, Newport	17:26	17:41	17:56	18:10	18:25	18:40	18:54	19:09	19:24
Beaconsfield St opp Queens Pde, Newport	17:29	17:44	17:59	18:13	18:28	18:43	18:57	19:12	19:27
Barrenjoey Rd before Darley St, Mona Vale	17:35	17:50	18:05	18:19	18:34	18:48	19:02	19:17	19:32
Barrenjoey Rd opp Village Park, Mona Vale	17:38	17:52	18:07	18:21	18:36	18:50	19:04	19:19	19:34
Warriewood B-Line, Warriewood	17:44	17:58	18:13	18:27	18:42	18:55	19:09	19:24	19:39
Narrabeen Shops, Pittwater Rd, Narrabeen	17:49	18:03	18:18	18:32	18:46	18:59	19:13	19:28	19:43
Collaroy B-Line, Collaroy	17:55	18:09	18:24	18:38	18:53	19:06	19:20	19:35	19:50
Dee Why Shops, Pittwater Rd, Dee Why	18:03	18:17	18:32	18:45	19:00	19:13	19:27	19:42	19:57
Pittwater Rd after Chard Rd, Brookvale	18:09	18:23	18:38	18:50	19:05	19:18	19:32	19:47	20:02
Warringah Mall, Pittwater Rd, Brookvale	18:11	18:25	18:40	18:52	19:07	19:20	19:34	19:49	20:04
Manly Wharf Stand J, Manly	18:24	18:38	18:51	19:03	19:18	19:31	19:45	20:00	20:15

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PrePay-Only - Palm Beach to Manly

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Saturday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Ocean Pl at Ocean Rd, Palm Beach	19:20	19:35	19:50	20:05	20:35	21:05	21:35	22:05	22:37
Barrenjoey Rd near Careel Head Rd, Avalon	19:29	19:44	19:58	20:13	20:43	21:13	21:43	22:13	22:45
Barrenjoey Rd near Avalon Pde, Avalon	19:33	19:48	20:02	20:17	20:47	21:17	21:47	22:17	22:48
Barrenjoey Rd after Bramley Ave, Newport	19:39	19:54	20:08	20:23	20:53	21:23	21:53	22:23	22:54
Beaconsfield St opp Queens Pde, Newport	19:42	19:57	20:11	20:26	20:56	21:26	21:56	22:26	22:57
Barrenjoey Rd before Darley St, Mona Vale	19:47	20:02	20:16	20:31	21:01	21:31	22:01	22:31	23:01
Barrenjoey Rd opp Village Park, Mona Vale	19:49	20:04	20:18	20:33	21:03	21:33	22:03	22:33	23:03
Warriewood B-Line, Warriewood	19:53	20:08	20:22	20:37	21:07	21:37	22:07	22:37	23:07
Narrabeen Shops, Pittwater Rd, Narrabeen	19:57	20:12	20:26	20:41	21:11	21:41	22:11	22:41	23:11
Collaroy B-Line, Collaroy	20:04	20:18	20:32	20:47	21:17	21:47	22:17	22:47	23:17
Dee Why Shops, Pittwater Rd, Dee Why	20:11	20:25	20:39	20:54	21:24	21:54	22:24	22:54	23:24
Pittwater Rd after Chard Rd, Brookvale	20:16	20:30	20:44	20:59	21:29	21:59	22:29	22:59	23:29
Warringah Mall, Pittwater Rd, Brookvale	20:18	20:32	20:46	21:01	21:31	22:01	22:31	23:01	23:31
Manly Wharf Stand J, Manly	20:28	20:42	20:56	21:11	21:41	22:11	22:41	23:11	23:41

Saturday	♿	♿	♿	♿	♿	♿
Ocean Pl at Ocean Rd, Palm Beach	23:07	23:37	23:52	00:22	00:52	01:22
Barrenjoey Rd near Careel Head Rd, Avalon	23:15	23:45	00:00	00:30	01:00	01:30
Barrenjoey Rd near Avalon Pde, Avalon	23:18	23:48	00:03	00:33	01:03	01:33
Barrenjoey Rd after Bramley Ave, Newport	23:24	23:54	00:09	00:39	01:09	01:39
Beaconsfield St opp Queens Pde, Newport	23:27	23:57	00:12	00:42	01:12	01:42
Barrenjoey Rd before Darley St, Mona Vale	23:31	00:01	00:16	00:46	01:16	01:46
Barrenjoey Rd opp Village Park, Mona Vale	23:33	00:03	00:18	00:48	01:18	01:48
Warriewood B-Line, Warriewood	23:37	00:07	-	-	-	-
Narrabeen Shops, Pittwater Rd, Narrabeen	23:41	00:11	-	-	-	-
Collaroy B-Line, Collaroy	23:46	00:16	-	-	-	-
Dee Why Shops, Pittwater Rd, Dee Why	23:53	00:23	-	-	-	-
Pittwater Rd after Chard Rd, Brookvale	23:58	00:28	-	-	-	-
Warringah Mall, Pittwater Rd, Brookvale	00:00	00:30	-	-	-	-
Manly Wharf Stand J, Manly	00:10	00:40	-	-	-	-

Sunday & Public Holidays	♿	♿	♿	♿	♿	♿	♿	♿	♿
Ocean Pl at Ocean Rd, Palm Beach	04:51	05:21	05:46	06:16	06:46	07:05	07:20	07:35	07:50
Barrenjoey Rd near Careel Head Rd, Avalon	05:00	05:30	05:55	06:25	06:55	07:14	07:29	07:44	07:59
Barrenjoey Rd near Avalon Pde, Avalon	05:03	05:33	05:58	06:29	06:59	07:18	07:33	07:48	08:03
Barrenjoey Rd after Bramley Ave, Newport	05:09	05:39	06:04	06:35	07:05	07:25	07:40	07:55	08:10
Beaconsfield St opp Queens Pde, Newport	05:12	05:42	06:07	06:38	07:08	07:28	07:43	07:58	08:13
Barrenjoey Rd before Darley St, Mona Vale	05:18	05:48	06:13	06:44	07:14	07:34	07:49	08:04	08:19
Barrenjoey Rd opp Village Park, Mona Vale	05:20	05:50	06:15	06:46	07:16	07:36	07:51	08:06	08:21
Warriewood B-Line, Warriewood	05:25	05:55	06:20	06:51	07:21	07:41	07:56	08:11	08:26
Narrabeen Shops, Pittwater Rd, Narrabeen	05:29	05:59	06:24	06:55	07:25	07:45	08:00	08:16	08:31
Collaroy B-Line, Collaroy	05:33	06:03	06:29	07:00	07:30	07:50	08:06	08:22	08:37
Dee Why Shops, Pittwater Rd, Dee Why	05:39	06:09	06:36	07:07	07:37	07:57	08:14	08:30	08:45
Pittwater Rd after Chard Rd, Brookvale	05:42	06:12	06:40	07:11	07:41	08:01	08:18	08:34	08:49
Warringah Mall, Pittwater Rd, Brookvale	05:44	06:14	06:42	07:13	07:43	08:03	08:20	08:36	08:51
Manly Wharf Stand J, Manly	05:52	06:23	06:51	07:22	07:52	08:14	08:31	08:47	09:02

Sunday & Public Holidays	♿	♿	♿	♿	♿	♿	♿	♿	♿
Ocean Pl at Ocean Rd, Palm Beach	08:05	08:20	08:35	08:50	09:05	09:20	09:35	09:50	10:05
Barrenjoey Rd near Careel Head Rd, Avalon	08:15	08:30	08:45	09:00	09:15	09:30	09:45	10:00	10:15
Barrenjoey Rd near Avalon Pde, Avalon	08:19	08:34	08:49	09:04	09:19	09:34	09:49	10:04	10:19
Barrenjoey Rd after Bramley Ave, Newport	08:26	08:41	08:56	09:11	09:26	09:41	09:56	10:11	10:26
Beaconsfield St opp Queens Pde, Newport	08:29	08:45	09:00	09:15	09:30	09:45	10:00	10:15	10:30
Barrenjoey Rd before Darley St, Mona Vale	08:35	08:51	09:06	09:22	09:37	09:52	10:07	10:22	10:37
Barrenjoey Rd opp Village Park, Mona Vale	08:38	08:54	09:09	09:25	09:40	09:55	10:10	10:25	10:40
Warriewood B-Line, Warriewood	08:43	08:59	09:15	09:31	09:46	10:01	10:16	10:31	10:46
Narrabeen Shops, Pittwater Rd, Narrabeen	08:48	09:04	09:20	09:36	09:51	10:06	10:21	10:36	10:51
Collaroy B-Line, Collaroy	08:54	09:10	09:27	09:43	09:58	10:13	10:28	10:43	10:58
Dee Why Shops, Pittwater Rd, Dee Why	09:02	09:18	09:35	09:51	10:06	10:21	10:36	10:51	11:06
Pittwater Rd after Chard Rd, Brookvale	09:06	09:24	09:41	09:57	10:12	10:27	10:42	10:57	11:12
Warringah Mall, Pittwater Rd, Brookvale	09:08	09:26	09:43	09:59	10:14	10:29	10:44	10:59	11:14
Manly Wharf Stand J, Manly	09:19	09:38	09:55	10:11	10:26	10:41	10:56	11:11	11:26

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PrePay-Only - Palm Beach to Manly

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Sunday & Public Holidays	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶
Ocean Pl at Ocean Rd, Palm Beach	10:20	10:35	10:50	11:05	11:20	11:35	11:50	12:05	12:20
Barrenjoey Rd near Careel Head Rd, Avalon	10:30	10:45	11:00	11:15	11:30	11:45	12:00	12:15	12:30
Barrenjoey Rd near Avalon Pde, Avalon	10:34	10:49	11:04	11:19	11:34	11:49	12:04	12:19	12:34
Barrenjoey Rd after Bramley Ave, Newport	10:41	10:56	11:11	11:26	11:41	11:56	12:11	12:26	12:41
Beaconsfield St opp Queens Pde, Newport	10:45	11:00	11:15	11:30	11:45	12:00	12:15	12:30	12:45
Barrenjoey Rd before Darley St, Mona Vale	10:51	11:06	11:21	11:36	11:51	12:06	12:21	12:36	12:51
Barrenjoey Rd opp Village Park, Mona Vale	10:54	11:09	11:24	11:39	11:54	12:09	12:24	12:39	12:54
Warriewood B-Line, Warriewood	11:00	11:15	11:30	11:45	12:00	12:15	12:30	12:45	13:00
Narrabeen Shops, Pittwater Rd, Narrabeen	11:05	11:20	11:35	11:50	12:05	12:20	12:35	12:50	13:05
Collaroy B-Line, Collaroy	11:12	11:27	11:42	11:56	12:11	12:26	12:41	12:56	13:11
Dee Why Shops, Pittwater Rd, Dee Why	11:20	11:35	11:50	12:04	12:19	12:34	12:49	13:04	13:19
Pittwater Rd after Chard Rd, Brookvale	11:26	11:41	11:56	12:10	12:25	12:40	12:55	13:10	13:25
Warringah Mall, Pittwater Rd, Brookvale	11:28	11:44	11:59	12:13	12:28	12:43	12:58	13:13	13:28
Manly Wharf Stand J, Manly	11:40	11:55	12:10	12:24	12:39	12:54	13:09	13:24	13:39

Sunday & Public Holidays	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶
Ocean Pl at Ocean Rd, Palm Beach	12:35	12:50	13:05	13:20	13:35	13:50	14:05	14:20	14:35
Barrenjoey Rd near Careel Head Rd, Avalon	12:45	13:00	13:15	13:30	13:45	14:00	14:15	14:30	14:45
Barrenjoey Rd near Avalon Pde, Avalon	12:49	13:04	13:19	13:34	13:49	14:04	14:19	14:34	14:49
Barrenjoey Rd after Bramley Ave, Newport	12:56	13:11	13:26	13:41	13:56	14:11	14:26	14:41	14:56
Beaconsfield St opp Queens Pde, Newport	13:00	13:15	13:30	13:45	14:00	14:15	14:30	14:45	15:00
Barrenjoey Rd before Darley St, Mona Vale	13:06	13:21	13:36	13:51	14:06	14:21	14:36	14:51	15:06
Barrenjoey Rd opp Village Park, Mona Vale	13:09	13:24	13:39	13:54	14:09	14:24	14:39	14:54	15:09
Warriewood B-Line, Warriewood	13:15	13:30	13:45	14:00	14:15	14:30	14:45	15:00	15:15
Narrabeen Shops, Pittwater Rd, Narrabeen	13:20	13:35	13:50	14:05	14:20	14:35	14:50	15:05	15:20
Collaroy B-Line, Collaroy	13:26	13:41	13:56	14:11	14:26	14:41	14:56	15:11	15:26
Dee Why Shops, Pittwater Rd, Dee Why	13:34	13:49	14:04	14:19	14:34	14:49	15:04	15:19	15:34
Pittwater Rd after Chard Rd, Brookvale	13:40	13:55	14:10	14:25	14:40	14:55	15:10	15:25	15:40
Warringah Mall, Pittwater Rd, Brookvale	13:43	13:58	14:13	14:28	14:43	14:58	15:13	15:28	15:42
Manly Wharf Stand J, Manly	13:54	14:09	14:24	14:39	14:54	15:09	15:24	15:39	15:54

Sunday & Public Holidays	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶
Ocean Pl at Ocean Rd, Palm Beach	14:50	15:05	15:20	15:35	15:50	16:05	16:20	16:35	16:50
Barrenjoey Rd near Careel Head Rd, Avalon	15:00	15:15	15:30	15:45	16:00	16:15	16:30	16:45	17:00
Barrenjoey Rd near Avalon Pde, Avalon	15:04	15:19	15:34	15:49	16:04	16:19	16:34	16:49	17:04
Barrenjoey Rd after Bramley Ave, Newport	15:11	15:26	15:41	15:56	16:11	16:26	16:41	16:56	17:11
Beaconsfield St opp Queens Pde, Newport	15:15	15:30	15:45	16:00	16:15	16:30	16:45	17:00	17:15
Barrenjoey Rd before Darley St, Mona Vale	15:21	15:36	15:51	16:06	16:21	16:36	16:51	17:06	17:21
Barrenjoey Rd opp Village Park, Mona Vale	15:24	15:39	15:54	16:09	16:24	16:39	16:54	17:09	17:24
Warriewood B-Line, Warriewood	15:30	15:45	16:00	16:15	16:30	16:45	17:00	17:15	17:30
Narrabeen Shops, Pittwater Rd, Narrabeen	15:35	15:50	16:05	16:20	16:35	16:50	17:05	17:20	17:35
Collaroy B-Line, Collaroy	15:41	15:56	16:11	16:26	16:41	16:56	17:11	17:26	17:41
Dee Why Shops, Pittwater Rd, Dee Why	15:49	16:04	16:19	16:34	16:49	17:04	17:19	17:34	17:49
Pittwater Rd after Chard Rd, Brookvale	15:54	16:09	16:24	16:39	16:54	17:09	17:24	17:39	17:54
Warringah Mall, Pittwater Rd, Brookvale	15:56	16:11	16:26	16:41	16:56	17:11	17:26	17:41	17:56
Manly Wharf Stand J, Manly	16:08	16:23	16:38	16:53	17:08	17:23	17:38	17:53	18:08

Sunday & Public Holidays	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶	🚶
Ocean Pl at Ocean Rd, Palm Beach	17:05	17:20	17:35	17:50	18:05	18:20	18:35	18:50	19:05
Barrenjoey Rd near Careel Head Rd, Avalon	17:15	17:30	17:45	17:59	18:14	18:29	18:44	18:59	19:14
Barrenjoey Rd near Avalon Pde, Avalon	17:19	17:34	17:48	18:02	18:17	18:32	18:47	19:02	19:17
Barrenjoey Rd after Bramley Ave, Newport	17:26	17:41	17:55	18:09	18:24	18:39	18:53	19:08	19:23
Beaconsfield St opp Queens Pde, Newport	17:30	17:44	17:58	18:12	18:27	18:42	18:56	19:11	19:26
Barrenjoey Rd before Darley St, Mona Vale	17:36	17:50	18:04	18:18	18:33	18:47	19:01	19:16	19:31
Barrenjoey Rd opp Village Park, Mona Vale	17:39	17:52	18:06	18:20	18:35	18:49	19:03	19:18	19:33
Warriewood B-Line, Warriewood	17:45	17:58	18:12	18:26	18:41	18:54	19:08	19:23	19:38
Narrabeen Shops, Pittwater Rd, Narrabeen	17:50	18:03	18:17	18:31	18:45	18:58	19:12	19:27	19:42
Collaroy B-Line, Collaroy	17:56	18:09	18:23	18:36	18:50	19:03	19:17	19:32	19:47
Dee Why Shops, Pittwater Rd, Dee Why	18:04	18:17	18:31	18:43	18:57	19:10	19:24	19:39	19:54
Pittwater Rd after Chard Rd, Brookvale	18:09	18:22	18:35	18:47	19:01	19:14	19:28	19:43	19:58
Warringah Mall, Pittwater Rd, Brookvale	18:11	18:24	18:37	18:49	19:03	19:16	19:30	19:45	20:00
Manly Wharf Stand J, Manly	18:23	18:35	18:47	18:59	19:13	19:26	19:40	19:55	20:10

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PrePay-Only - Palm Beach to Manly

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Sunday & Public Holidays									
Ocean Pl at Ocean Rd, Palm Beach	19:20	19:35	19:50	20:05	20:35	21:05	21:35	22:05	22:37
Barrenjoey Rd near Careel Head Rd, Avalon	19:29	19:44	19:58	20:13	20:43	21:13	21:43	22:13	22:45
Barrenjoey Rd near Avalon Pde, Avalon	19:32	19:47	20:01	20:16	20:46	21:16	21:46	22:16	22:48
Barrenjoey Rd after Bramley Ave, Newport	19:38	19:53	20:07	20:22	20:52	21:22	21:52	22:22	22:54
Beaconsfield St opp Queens Pde, Newport	19:41	19:56	20:10	20:25	20:55	21:25	21:55	22:25	22:57
Barrenjoey Rd before Darley St, Mona Vale	19:46	20:01	20:15	20:30	21:00	21:30	22:00	22:30	23:02
Barrenjoey Rd opp Village Park, Mona Vale	19:48	20:03	20:17	20:32	21:02	21:32	22:02	22:32	23:04
Warriewood B-Line, Warriewood	19:52	20:07	20:21	20:36	21:06	21:36	22:06	22:36	23:08
Narrabeen Shops, Pittwater Rd, Narrabeen	19:55	20:10	20:24	20:39	21:09	21:39	22:09	22:39	23:11
Collaroy B-Line, Collaroy	20:00	20:15	20:29	20:44	21:14	21:44	22:14	22:44	23:14
Dee Why Shops, Pittwater Rd, Dee Why	20:07	20:22	20:36	20:50	21:20	21:50	22:20	22:50	23:20
Pittwater Rd after Chard Rd, Brookvale	20:11	20:26	20:40	20:53	21:23	21:53	22:23	22:53	23:23
Warringah Mall, Pittwater Rd, Brookvale	20:13	20:28	20:42	20:55	21:25	21:55	22:25	22:55	23:25
Manly Wharf Stand J, Manly	20:23	20:38	20:51	21:04	21:34	22:04	22:34	23:02	23:32

Sunday & Public Holidays						
Ocean Pl at Ocean Rd, Palm Beach	23:07	23:37	23:52	00:22	00:52	01:22
Barrenjoey Rd near Careel Head Rd, Avalon	23:15	23:45	00:00	00:30	01:00	01:30
Barrenjoey Rd near Avalon Pde, Avalon	23:18	23:48	00:03	00:33	01:03	01:33
Barrenjoey Rd after Bramley Ave, Newport	23:24	23:54	00:09	00:39	01:09	01:39
Beaconsfield St opp Queens Pde, Newport	23:27	23:57	00:12	00:42	01:12	01:42
Barrenjoey Rd before Darley St, Mona Vale	23:32	00:02	00:17	00:47	01:17	01:47
Barrenjoey Rd opp Village Park, Mona Vale	23:34	00:04	00:19	00:49	01:19	01:49
Warriewood B-Line, Warriewood	23:38	00:08	-	-	-	-
Narrabeen Shops, Pittwater Rd, Narrabeen	23:41	00:11	-	-	-	-
Collaroy B-Line, Collaroy	23:44	00:14	-	-	-	-
Dee Why Shops, Pittwater Rd, Dee Why	23:50	00:20	-	-	-	-
Pittwater Rd after Chard Rd, Brookvale	23:53	00:23	-	-	-	-
Warringah Mall, Pittwater Rd, Brookvale	23:55	00:25	-	-	-	-
Manly Wharf Stand J, Manly	00:02	00:33	-	-	-	-

Routes 151, E54, 188, E88, E89, L90, 199

B

Route E54 to Milsons Point

Picks up and sets down as requested at Mona Vale, Pittwater Park, Narrabeen, Collaroy, Dee Why, Warringah Mall, Kenneth Rd Manly Vale, Spit Jn and Neutral Bay Jn, then all stops.

Route E54 to Mona Vale

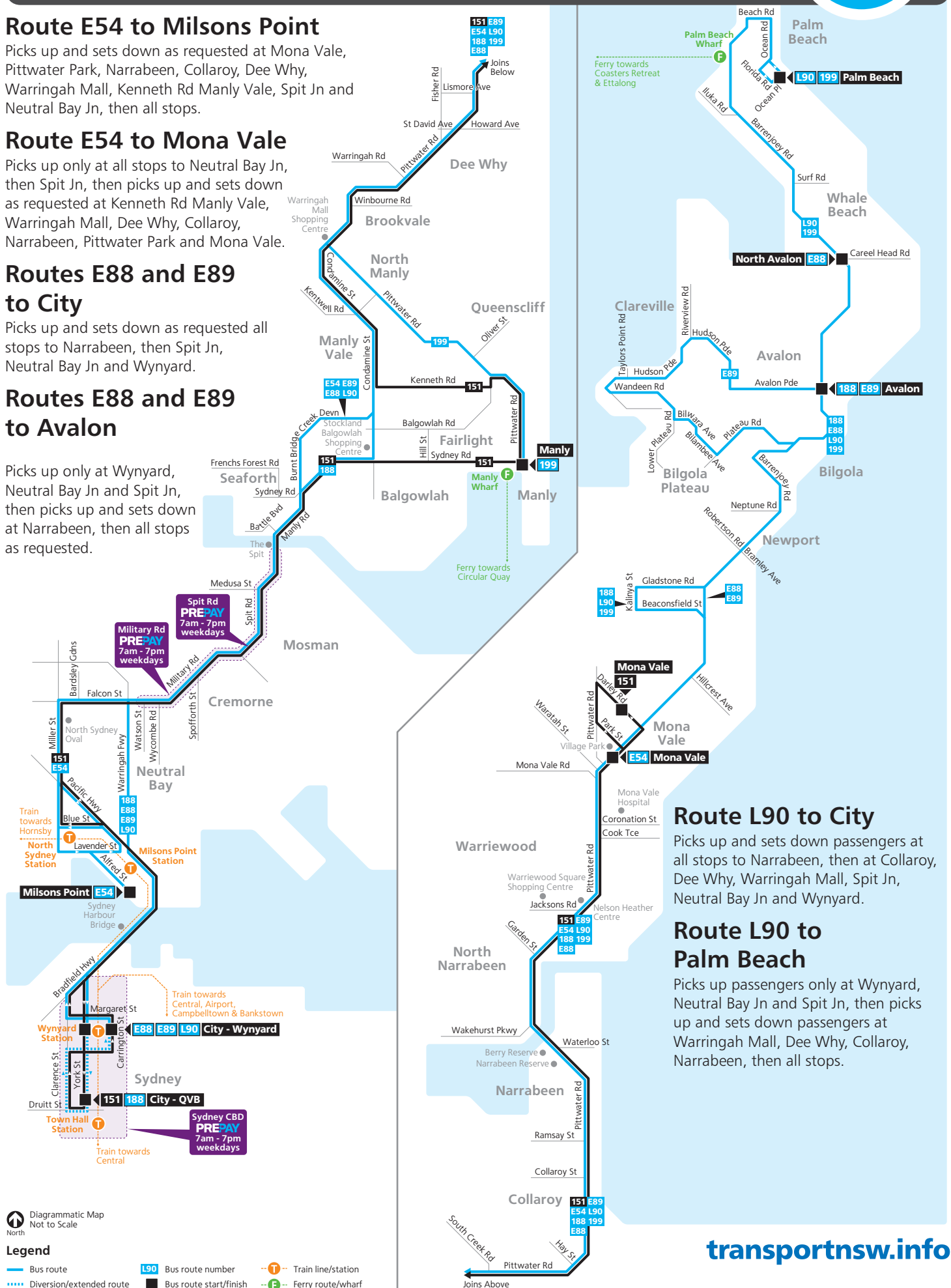
Picks up only at all stops to Neutral Bay Jn, then Spit Jn, then picks up and sets down as requested at Kenneth Rd Manly Vale, Warringah Mall, Dee Why, Collaroy, Narrabeen, Pittwater Park and Mona Vale.

Routes E88 and E89 to City

Picks up and sets down as requested all stops to Narrabeen, then Spit Jn, Neutral Bay Jn and Wynyard.

Routes E88 and E89 to Avalon

Picks up only at Wynyard, Neutral Bay Jn and Spit Jn, then picks up and sets down at Narrabeen, then all stops as requested.



Route L90 to City

Picks up and sets down passengers at all stops to Narrabeen, then at Collaroy, Dee Why, Warringah Mall, Spit Jn, Neutral Bay Jn and Wynyard.

Route L90 to Palm Beach

Picks up passengers only at Wynyard, Neutral Bay Jn and Spit Jn, then picks up and sets down passengers at Warringah Mall, Dee Why, Collaroy, Narrabeen, then all stops.

How to use this timetable

This timetable provides a snapshot of service information in 24-hour time (e.g. 5am = 05:00, 5pm = 17:00). Information contained in this timetable is subject to change without notice. Please note that timetables do not include minor stops, additional trips for special events, short term changes, holiday timetable changes, real-time information or any disruption alerts.

For the most up-to-date times, use the Trip Planner or Departures on transportsw.info

Real-time planning

You can plan your trip with real-time information using the Trip Planner or Departures on transportsw.info or by downloading travel apps on your smartphone or tablet.

The Trip Planner, Departures and travel apps offer various features:

- favourite your regular trips
- see where your service is on the route
- get estimated pick up and arrival times
- receive service updates
- find nearby stations, stops, wharves and routes
- check accessibility information

Find the latest apps at transportsw.info/apps

Accessible services

All new buses are wheelchair-accessible with low-level floors and space for wheelchairs, prams or strollers. Look for the  symbol in this timetable. Some older buses may not have all the features you need. There will be more accessible services as older buses are replaced.

Who is providing my bus services?

The bus services shown in this timetable are run by State Transit.

Fares

In Sydney and surrounding regions, fares are based on:

- the distance you travel from tap on to tap off
- the mode of transport you choose
- whether you're eligible for a concession fare or free travel
- any Opal benefits such as discounts and capped fares that apply

You can use an Opal card or a contactless payment to pay for your travel.

Opal cards

An Opal card is a smartcard you keep and reuse. Add value before you travel and tap on and tap off to pay your fares throughout Sydney, the Blue Mountains, Central Coast, the Hunter and the Illawarra.

Which Opal card is right for you?

Adult - Customers 16 years and over who are not entitled to any concessions and normally pay full fare.

Child/Youth - For customers aged 4-15 (inclusive), or customers 16 years or older who hold a NSW/ACT Senior Secondary Student Concession Card.

Gold Senior/Pensioner - For eligible NSW and interstate seniors, pensioners, war widows/ers and asylum seekers.

Concession - For eligible tertiary students, job seekers, apprentices and trainees.

How to get an Opal card

You can get an Adult or Child/Youth Opal card over the counter at Opal retailers that display the Opal sign . To find your nearest retailer visit transportsw.info/opal.

If you are eligible to travel with concession fares you can apply for a Gold Senior/Pensioner or Concession Opal card online. Visit transportsw.info/opal for more information.

Contactless payments

If you have an American Express, Mastercard, Visa card or linked device, you can use it to pay for all public transport on the Opal network. Just make sure to tap on and tap off at Opal readers at the beginning and end of your trip.

Always separate your cards when you tap on and tap off so your preferred card is charged.

You will receive the same travel benefits of an Adult Opal card when you tap on and tap off consistently with the same credit card, debit card or linked device. This includes daily, weekly and Sunday travel caps, and a \$2 transfer discount when you change between metro/train, ferry, bus or light rail services within 60 minutes. Adult Opal fare pricing applies.

Find out more at transportsw.info/contactless

Explanation of definitions and symbols

	Wheelchair Accessible
	Picks up passengers only
ThF	Thursday, Friday only
F	Friday only



Valid from: 14 Oct 2019

Creation date: 25 Oct 2019

NOTE: Information is correct on date of download.

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Day Restrictions				ThF	ThF	ThF	F	ThF	F
QVB, York St, Sydney	-	-	-	01:45	02:00	02:15	02:45	03:15	03:45
Wynyard Station, Carrington St, Sydney	-	00:48	01:18	01:50	02:05	02:20	02:50	03:20	03:50
Wynyard Station, Carrington St, Sydney	-	00:50	01:20	01:52	02:07	02:22	02:52	03:22	03:52
Military Rd opp Watson St, Neutral Bay	-	00:58	01:28	02:00	02:15	02:30	03:00	03:30	04:00
Neutral Bay Junction, Military Rd, Neutral Bay	-	00:59	01:29	02:01	02:16	02:31	03:01	03:31	04:01
Military Rd opp Holt Ave, Cremorne	-	01:01	01:31	02:03	02:18	02:33	03:02	03:33	04:02
Spit Junction B-Line, Mosman	-	01:04	01:34	02:06	02:21	02:36	03:05	03:36	04:05
Sydney Rd after Kempbridge Ave, Seaforth	05:35	-	-	-	-	-	-	-	-
Sydney Rd at Condamine St, Balgowlah	05:37	01:16	01:46	02:18	02:33	02:48	03:14	03:48	04:14
Manly Vale B-Line, Manly Vale	05:42	01:21	01:51	02:23	02:38	02:53	03:17	03:53	04:17
Warringah Mall, Pittwater Rd, Brookvale	05:45	01:24	01:54	02:26	02:41	02:56	03:20	03:56	04:20
Pittwater Rd at Old Pittwater Rd, Brookvale	05:47	01:26	01:56	02:28	02:43	02:58	03:22	03:58	04:22
Dee Why B-Line, Dee Why	05:51	01:30	02:00	02:32	02:47	03:02	03:26	04:02	04:26
Collaroy B-Line, Collaroy	05:57	01:36	02:06	02:38	02:53	03:08	03:34	04:08	04:34
Narrabeen B-Line, Narrabeen	06:00	01:39	02:09	02:41	02:56	03:11	03:38	04:11	04:38
Mona Vale B-Line, Mona Vale	06:05	01:46	02:16	02:48	03:03	03:18	03:44	04:18	04:44
Barrenjoey Rd after Darley St, Mona Vale	06:07	01:48	02:18	02:50	03:05	03:20	03:46	04:20	04:46
Newport Anchorage Marina, Beaconsfield St, Newport	06:11	01:53	02:23	02:55	03:10	03:25	03:49	04:25	04:49
Barrenjoey Rd before Robertson Rd, Newport	06:15	01:56	02:26	02:58	03:13	03:28	03:52	04:28	04:52
Barrenjoey Rd near Avalon Pde, Avalon	06:20	02:01	02:31	03:03	03:18	03:33	03:57	04:33	04:57
Saturday	♿	♿	♿	♿	♿	♿	♿	♿	♿
QVB, York St, Sydney	04:45	-	00:45	01:15	01:45	02:15	02:45	03:15	03:45
Wynyard Station, Carrington St, Sydney	04:51	00:09	00:50	01:20	01:50	02:20	02:50	03:20	03:50
Wynyard Station, Carrington St, Sydney	04:53	00:11	00:52	01:22	01:52	02:22	02:52	03:22	03:52
Military Rd opp Watson St, Neutral Bay	05:01	00:19	01:00	01:30	02:00	02:30	03:00	03:30	04:00
Neutral Bay Junction, Military Rd, Neutral Bay	05:02	00:20	01:01	01:31	02:01	02:31	03:01	03:31	04:01
Military Rd opp Holt Ave, Cremorne	05:04	00:21	01:02	01:32	02:02	02:32	03:02	03:32	04:02
Spit Junction B-Line, Mosman	05:08	00:24	01:05	01:35	02:05	02:35	03:05	03:35	04:05
Sydney Rd at Condamine St, Balgowlah	05:17	00:33	01:14	01:44	02:14	02:44	03:14	03:44	04:14
Manly Vale B-Line, Manly Vale	05:21	00:36	01:17	01:47	02:17	02:47	03:17	03:47	04:17
Warringah Mall, Pittwater Rd, Brookvale	05:24	00:39	01:20	01:50	02:20	02:50	03:20	03:50	04:20
Pittwater Rd at Old Pittwater Rd, Brookvale	05:26	00:41	01:22	01:52	02:22	02:52	03:22	03:52	04:22
Dee Why B-Line, Dee Why	05:30	00:45	01:26	01:56	02:26	02:56	03:26	03:56	04:26
Collaroy B-Line, Collaroy	05:38	00:53	01:34	02:04	02:34	03:04	03:34	04:04	04:34
Narrabeen B-Line, Narrabeen	05:42	00:58	01:39	02:09	02:39	03:09	03:39	04:09	04:39
Mona Vale B-Line, Mona Vale	05:49	01:04	01:45	02:15	02:45	03:15	03:45	04:15	04:45
Darley St after Taronga Pl, Mona Vale	-	01:05	01:46	-	-	-	-	-	-
Barrenjoey Rd after Darley St, Mona Vale	05:51	-	-	02:16	02:46	03:16	03:46	04:16	04:46
Newport Anchorage Marina, Beaconsfield St, Newport	05:54	-	-	02:19	02:49	03:19	03:49	04:19	04:49
Barrenjoey Rd before Robertson Rd, Newport	05:57	-	-	02:22	02:52	03:22	03:52	04:22	04:52
Barrenjoey Rd near Avalon Pde, Avalon	06:02	-	-	02:27	02:57	03:27	03:57	04:27	04:57

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PrePay-Only - City QVB to Avalon Beach

B

Sunday & Public Holidays

					
QVB, York St, Sydney	04:20	-	-	00:45	01:15
Wynyard Station, Carrington St, Sydney	04:26	05:36	06:06	00:50	01:20
Wynyard Station, Carrington St, Sydney	04:28	05:38	06:08	00:52	01:22
Military Rd opp Watson St, Neutral Bay	04:36	05:46	06:16	01:00	01:30
Neutral Bay Junction, Military Rd, Neutral Bay	04:37	05:47	06:17	01:01	01:31
Military Rd opp Holt Ave, Cremorne	04:38	05:48	06:18	01:02	01:32
Spit Junction B-Line, Mosman	04:41	05:52	06:22	01:04	01:34
Sydney Rd at Condamine St, Balgowlah	04:50	06:01	06:31	01:13	01:43
Manly Vale B-Line, Manly Vale	04:53	06:05	06:36	01:16	01:46
Warringah Mall, Pittwater Rd, Brookvale	04:56	06:08	06:39	01:19	01:49
Pittwater Rd at Old Pittwater Rd, Brookvale	04:58	06:10	06:41	01:21	01:51
Dee Why B-Line, Dee Why	05:02	06:14	06:46	01:25	01:55
Collaroy B-Line, Collaroy	05:10	06:22	06:54	01:30	02:00
Narrabeen B-Line, Narrabeen	05:15	06:27	06:59	01:34	02:04
Mona Vale B-Line, Mona Vale	05:21	06:36	07:08	01:41	02:11
Barrenjoey Rd after Darley St, Mona Vale	05:22	-	-	01:43	02:13
Newport Anchorage Marina, Beaconsfield St, Newport	05:25	-	-	01:48	02:18
Barrenjoey Rd before Robertson Rd, Newport	05:28	-	-	01:51	02:21
Barrenjoey Rd near Avalon Pde, Avalon	05:33	-	-	01:56	02:26

Monday to Friday			
Mona Vale B-Line, Mona Vale	04:12	04:44	05:12
Narrabeen B-Line, Narrabeen	04:18	04:51	05:19
Collaroy B-Line, Collaroy	04:21	04:55	05:23
Dee Why B-Line, Dee Why	04:27	05:01	05:29
Pittwater Rd after Chard Rd, Brookvale	04:30	05:05	05:34
Warringah Mall, Pittwater Rd, Brookvale	04:32	05:07	05:36
Manly Vale B-Line, Manly Vale	04:35	05:10	05:39
Condamine St near Sydney Rd, Balgowlah	04:39	05:14	05:43
Spit Junction B-Line, Mosman	04:50	05:25	05:54
Military Rd before Cabramatta Rd, Cremorne	04:54	05:29	05:58
Neutral Bay Junction, Military Rd, Neutral Bay	04:56	05:31	06:00
Military Rd near Watson St, Neutral Bay	04:57	05:32	06:01
Miller St at Falcon St, North Sydney	05:00	05:35	06:04
Miller St at Pacific Hwy, North Sydney	05:03	05:38	06:07
Wynyard Station	05:09	05:44	06:13

Saturday				
Mona Vale B-Line, Mona Vale	-	04:42	-	-
Narrabeen B-Line, Narrabeen	-	04:50	-	-
Collaroy B-Line, Collaroy	-	04:55	-	-
Dee Why B-Line, Dee Why	-	05:01	-	-
Pittwater Rd after Chard Rd, Brookvale	-	05:06	-	-
Warringah Mall, Pittwater Rd, Brookvale	04:30	05:08	05:50	06:15
Manly Vale B-Line, Manly Vale	04:33	05:11	05:53	06:18
Condamine St near Sydney Rd, Balgowlah	04:37	05:15	05:57	06:22
Spit Junction B-Line, Mosman	04:48	05:26	06:08	06:33
Military Rd before Cabramatta Rd, Cremorne	04:52	05:30	06:12	06:37
Neutral Bay Junction, Military Rd, Neutral Bay	04:54	05:32	06:14	06:39
Military Rd near Watson St, Neutral Bay	04:55	05:33	06:15	06:40
Miller St at Falcon St, North Sydney	04:57	05:35	06:17	06:42
Miller St at Pacific Hwy, North Sydney	05:00	05:38	06:20	06:45
Wynyard Station	05:06	05:44	06:26	06:51

Sunday & Public Holidays							
Mona Vale B-Line, Mona Vale	04:19	04:49	-	-	-	-	-
Narrabeen B-Line, Narrabeen	04:27	04:57	-	-	-	-	-
Collaroy B-Line, Collaroy	04:32	05:02	-	-	-	-	-
Dee Why B-Line, Dee Why	04:38	05:08	-	-	-	-	-
Pittwater Rd after Chard Rd, Brookvale	04:43	05:13	-	-	-	-	-
Warringah Mall, Pittwater Rd, Brookvale	04:45	05:15	05:48	06:18	06:48	07:19	07:45
Manly Vale B-Line, Manly Vale	04:48	05:18	05:51	06:21	06:51	07:22	07:49
Condamine St near Sydney Rd, Balgowlah	04:52	05:22	05:55	06:25	06:55	07:26	07:53
Spit Junction B-Line, Mosman	05:03	05:33	06:06	06:36	07:06	07:35	08:02
Military Rd before Cabramatta Rd, Cremorne	05:07	05:37	06:10	06:40	07:10	07:38	08:05
Neutral Bay Junction, Military Rd, Neutral Bay	05:09	05:39	06:12	06:42	07:12	07:40	08:07
Military Rd near Watson St, Neutral Bay	05:10	05:40	06:13	06:43	07:13	07:41	08:08
Miller St at Falcon St, North Sydney	05:13	05:43	06:16	06:46	07:16	07:44	08:11
Miller St at Pacific Hwy, North Sydney	05:17	05:47	06:20	06:50	07:20	07:48	08:15
Wynyard Station	05:23	05:53	06:26	06:56	07:26	07:54	08:21

Routes 151, E54, 188, E88, E89, L90, 199

B

Route E54 to Milsons Point

Picks up and sets down as requested at Mona Vale, Pittwater Park, Narrabeen, Collaroy, Dee Why, Warringah Mall, Kenneth Rd Manly Vale, Spit Jn and Neutral Bay Jn, then all stops.

Route E54 to Mona Vale

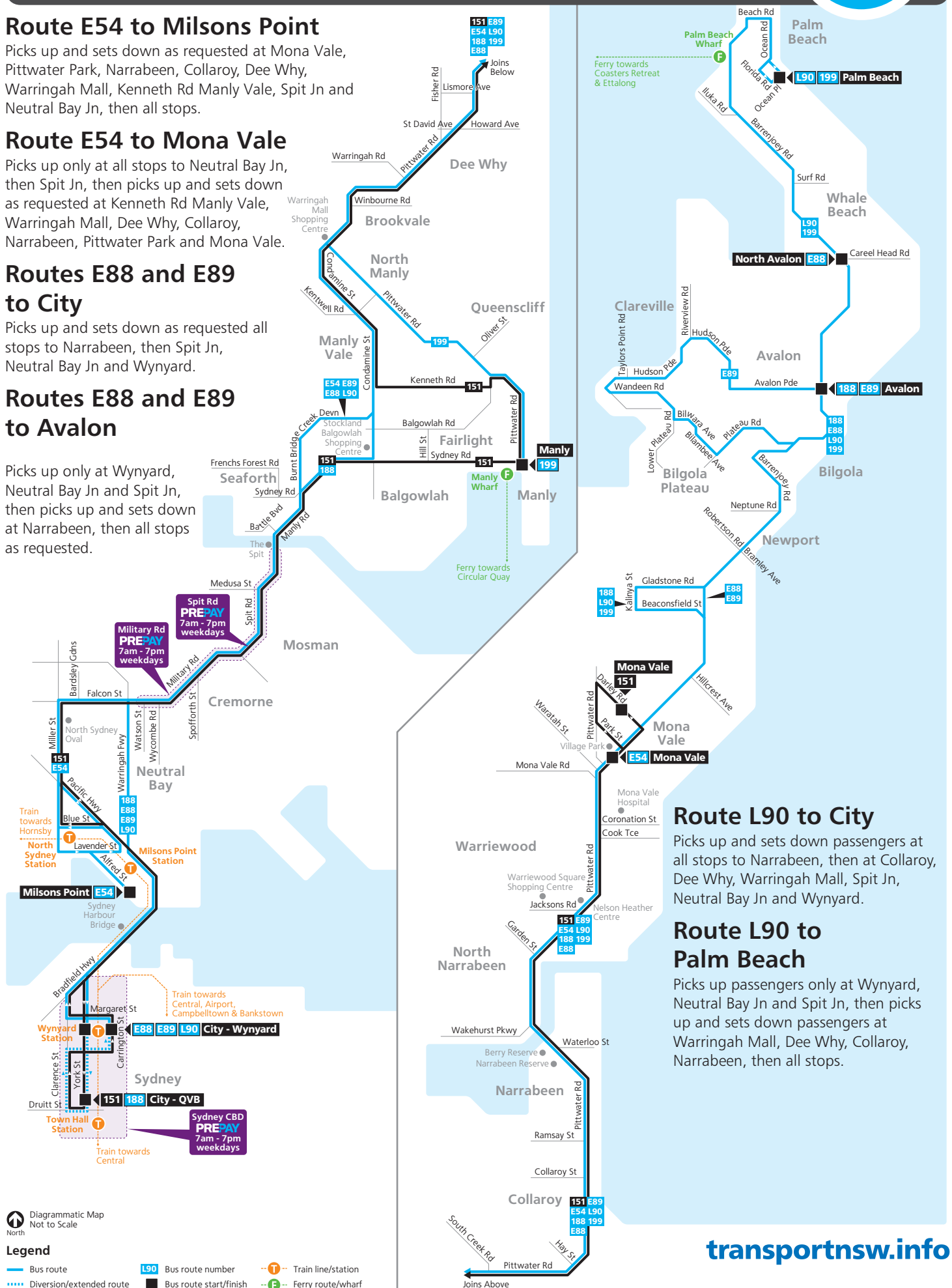
Picks up only at all stops to Neutral Bay Jn, then Spit Jn, then picks up and sets down as requested at Kenneth Rd Manly Vale, Warringah Mall, Dee Why, Collaroy, Narrabeen, Pittwater Park and Mona Vale.

Routes E88 and E89 to City

Picks up and sets down as requested all stops to Narrabeen, then Spit Jn, Neutral Bay Jn and Wynyard.

Routes E88 and E89 to Avalon

Picks up only at Wynyard, Neutral Bay Jn and Spit Jn, then picks up and sets down at Narrabeen, then all stops as requested.



Route L90 to City

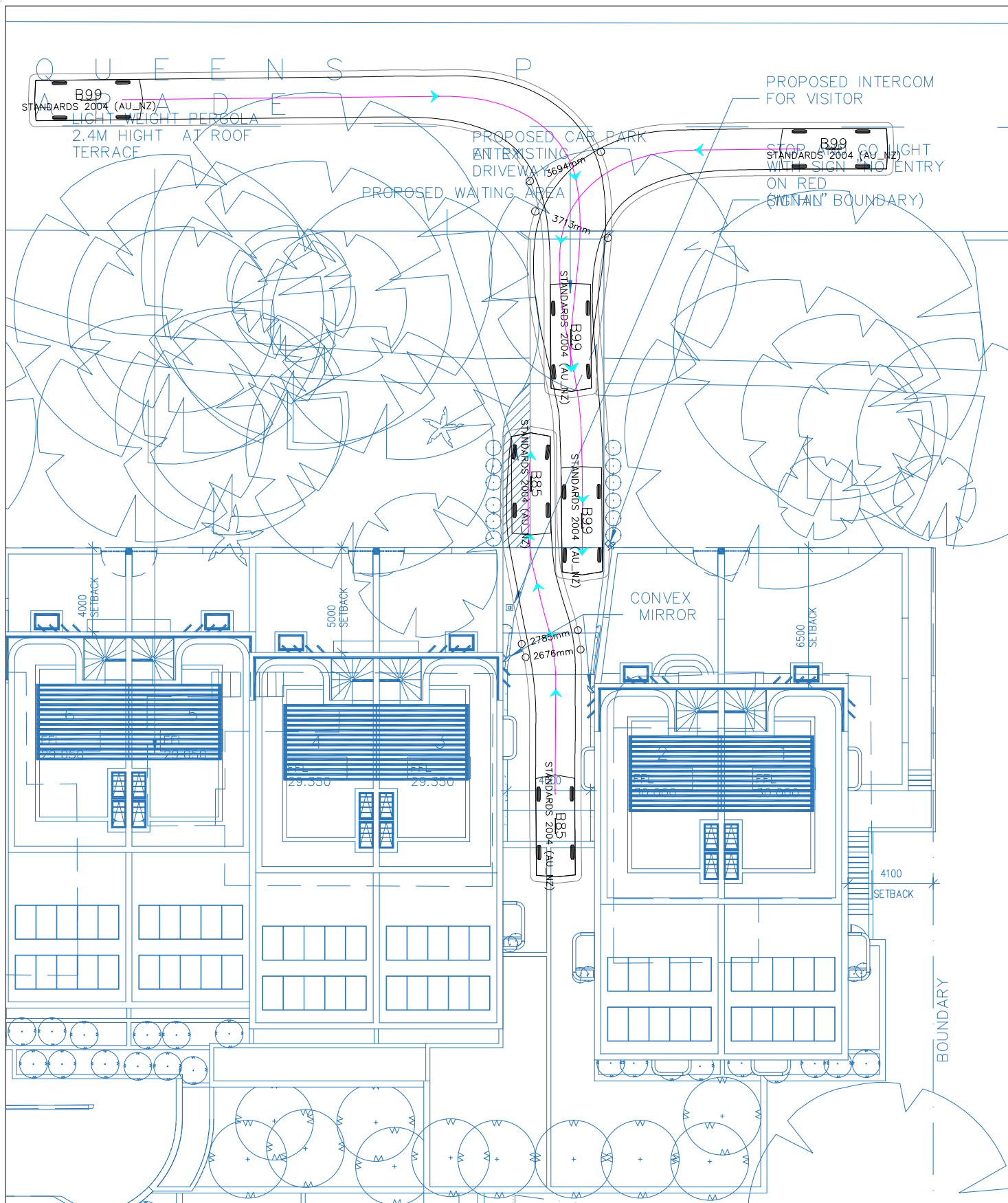
Picks up and sets down passengers at all stops to Narrabeen, then at Collaroy, Dee Why, Warringah Mall, Spit Jn, Neutral Bay Jn and Wynyard.

Route L90 to Palm Beach

Picks up passengers only at Wynyard, Neutral Bay Jn and Spit Jn, then picks up and sets down passengers at Warringah Mall, Dee Why, Collaroy, Narrabeen, then all stops.

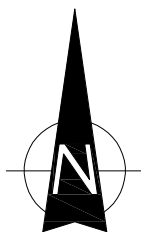
Appendix C

Public Transport Provision



LEGEND

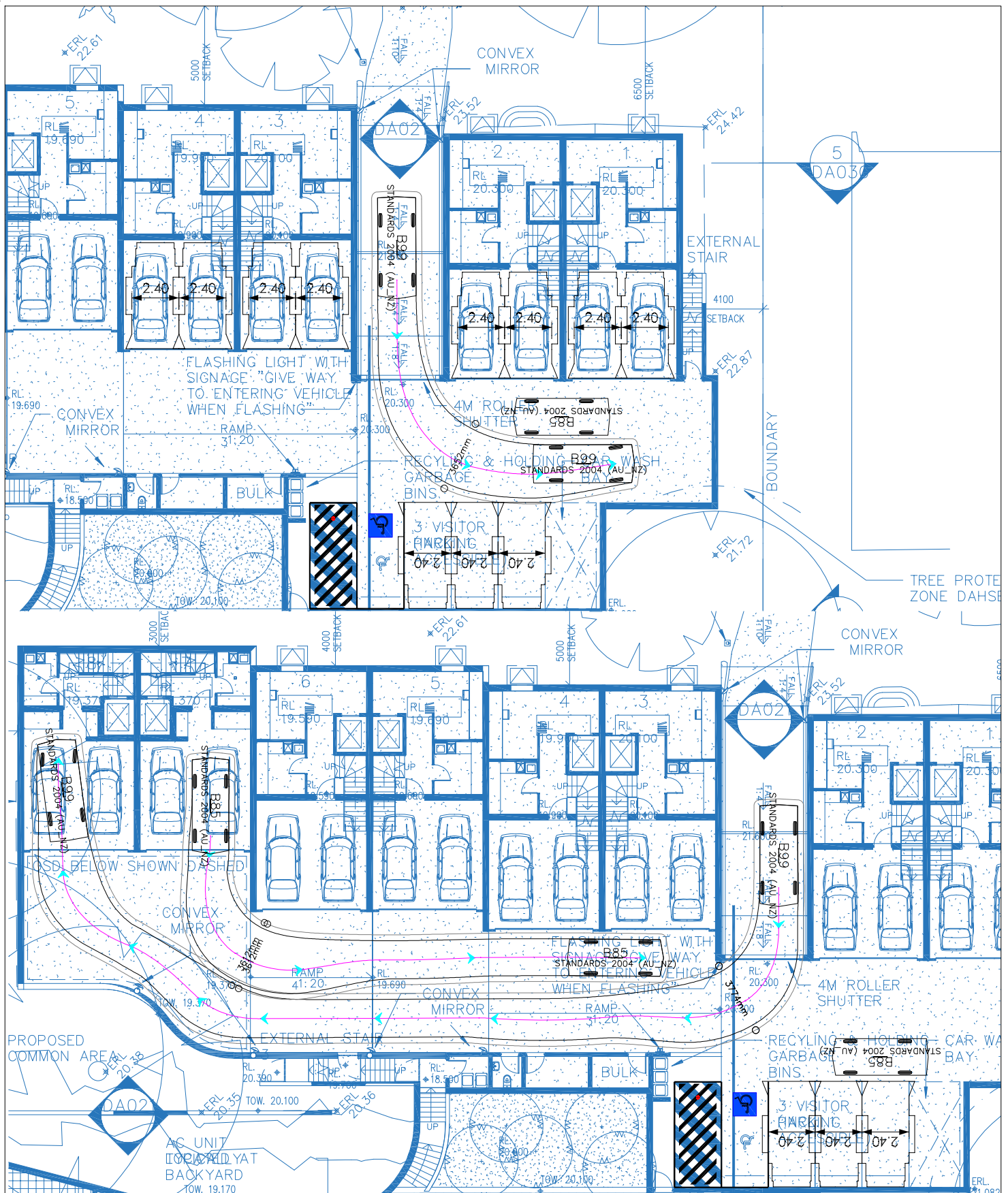
This drawing has been prepared using vehicle modelling computer software AutoTURN PRO10 in conjunction with AutoCAD 2018. The vehicle used is based upon vehicle data provided by Austroads and incorporates a reasonable degree of tolerance. However, it is not possible to account for all vehicle types/characteristics and/or driver ability.



**SWEPT PATH ANALYSIS
OF A B99 CAR ENTERING
FROM QUEENS PARADE &
PASSING A B85 CAR EXITING
BASEMENT CARPARK**

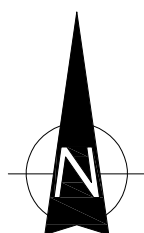
SP 1

SP 2



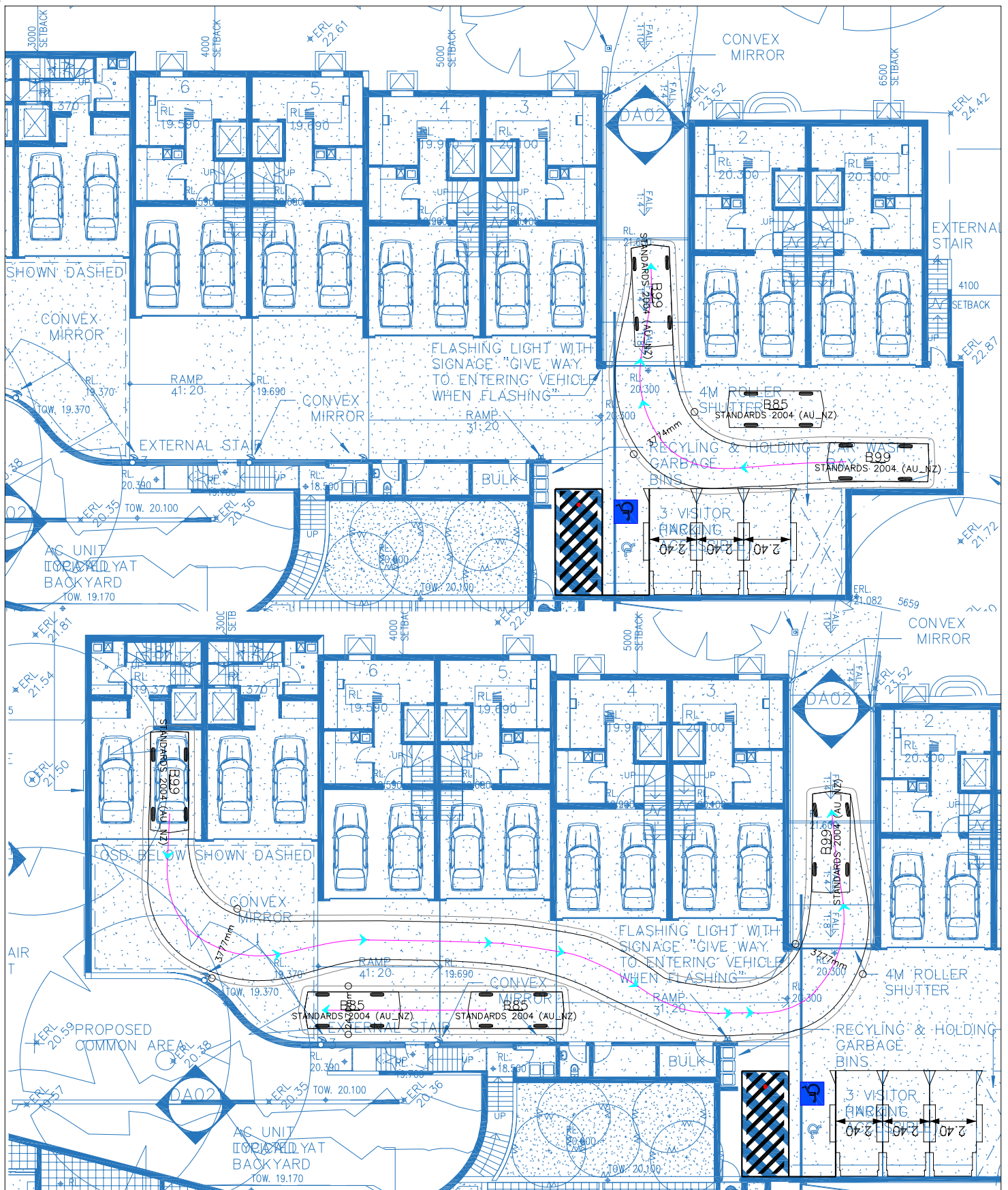
LEGEND

This drawing has been prepared using vehicle modelling computer software AutoTURN PRO10 in conjunction with AutoCAD 2018. The vehicle used is based upon vehicle data provided by Austroads and incorporates a reasonable degree of tolerance. However, it is not possible to account for all vehicle types/characteristics and/or driver ability.



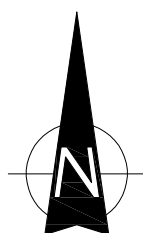
**SWEPT PATH ANALYSIS
OF A B99 CAR ENTERING
FROM QUEENS PARADE &
PASSING A B85 CAR EXITING
BASEMENT CARPARK**

SP 3



LEGEND

This drawing has been prepared using vehicle modelling computer software AutoTURN PRO10 in conjunction with AutoCAD 2018. The vehicle used is based upon vehicle data provided by Austroads and incorporates a reasonable degree of tolerance. However, it is not possible to account for all vehicle types/characteristics and/or driver ability.



**SWEPT PATH ANALYSIS
OF A B99 CAR EXITING ONTO
QUEENS PARADE & PASSING
A B85 CAR ENTERING
BASEMENT CARPARK**

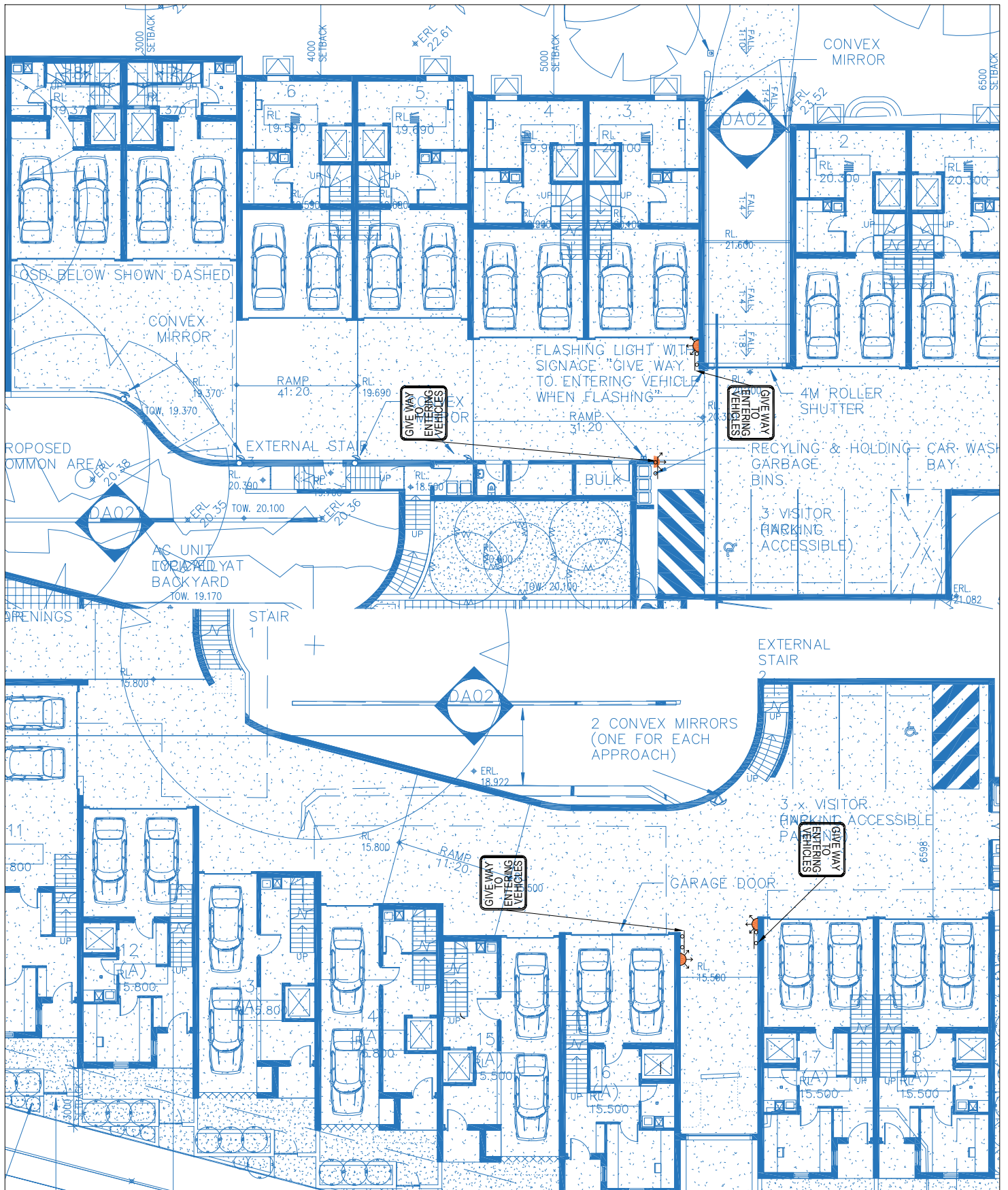
SP 4

LEGEND



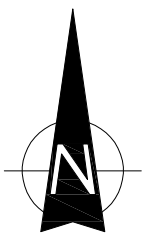
Appendix D

Proposed Stop and Go & Warning Light System



LEGEND

-  SIGN
-  WARNING LIGHT



PROPOSED WARNING LIGHT & SIGNAGE FOR GROUND-LEVEL AND BASEMENT CARPARKS