



ACCESS REPORT SITE ACCESSIBILITY

**2 & 4 NOOAL STREET &
66 BARDO ROAD
NEWPORT**

**HOUSING FOR SENIORS OR
PEOPLE WITH A DISABILITY**

Prepared by Mark Relf

17th August 2017

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Site Accessibility Assessment Report

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Development Summary

The following report has been prepared to assess the suitability of a site to establish a seniors housing development at 2-4 Nooal Street and 66 Bardo Road, Newport under the State Environment Planning Policy – Housing for Seniors Policy.

The Seniors Housing development will propose self-contained dwellings with basement parking, pedestrian accessways and associated landscaping.

Assessment Criteria

In review of the site and proposed development this assessment considers whether the proposed development will provide appropriate access to public transport, shops and services in accordance with:

- (a) Clauses 26 and 38 of the Housing for Seniors Policy concerning access to transport, shops and services.

Documents relied upon for this assessment include:

Dwg No.	Issue	Description
17778 B	00	Site Survey 66 Bardo Road & 2 & 4 Nooal Street Newport
17778 C Sheet 1	00	Plan – Pedestrian Verge Levels from Nooal Street to bus stop in Gladstone Street, Newport
17778 C Sheet 2	00	Long Section – Pedestrian Verge Levels from Nooal Street to bus stop in Gladstone Street, Newport

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Access Assessment**Site access and on-site pathways***View of the site adjoining Nooal Street and Bardo Road***1.1 Site Access - Continuous Accessible Paths of Travel**

The development of the subject site will propose the construction of several self-contained dwellings with below ground parking and an accessible site entrance from Nooal Street into the site.

The pedestrian entry point to the site would occur in the south-east corner of the aggregated site boundary @RL6.60 to RL6.90 whereby on-grade access to the verge and a future footpath, which can travel to the Gladstone Street bus stops.

*Nooal Street front boundary and potential site entry access.***1.2 Site Access – Intrasite Pathway Design**

Within the site the survey indicates moderate topographical change from RL6.50 at the front boundary to RL2.50 which can easily accommodate a small scale development that incorporates a lift to access the various levels to satisfy the Housing for Seniors Policy.

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Site Survey

1.3 Summary

While the site has 3 to 4 metres of topographical change it is evident that a design can be developed to facilitate continuous accessible paths of travel that enable safe equitable and dignified access from site entrance to common accessways to access all apartments and thereby satisfy D3.2 of the BCA and clauses 38 and Schedule 3, clauses 2 and 3 of the Housing for Seniors Policy.

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Access to Public Transport and Services [Clause 26 & Clause 38(i)]**Accessible facilities and services**

- 2.1 With respect to the location of the development and provision of access to shops and services the following assessment is provided having regard to clauses 26 and 38 (i) of the SEPP HS.

Clauses 26 and 38(i) sets out the following criteria for determining site suitability with respect to access to shops and services.

Clause 26 - Location and access to facilities

- (1) A consent authority must not consent to a development application made pursuant to this Chapter unless the consent authority is satisfied, by written evidence, that residents of the proposed development will have access that complies with subclause (2) to:

- (a) shops, bank service providers and other retail and commercial services that residents may reasonably require, and
- (b) community services and recreation facilities, and
- (c) the practice of a general medical practitioner.

- (2) Access complies with this clause if:

- (a) the facilities and services referred to in subclause (1) are located at a distance of not more than 400 metres from the site of the proposed development that is a distance accessible by means of a suitable access pathway and the overall average gradient for the pathway is no more than 1:14, although the following gradients along the pathway are also acceptable:

- (i) a gradient of no more than 1:12 for slopes for a maximum of 1.5 metres at a time,
- (ii) a gradient of no more than 1:10 for a maximum length of 5 metres at a time,
- (iii) a gradient of no more than 1:8 for distances of no more than 1.5 metres at a time,

or

- (2) (b) In the case of a proposed development on land in a local government area within the Sydney Statistical Division—there is a public transport service available to the residents who will occupy the proposed development:

- (i) that is located at a distance of not more than 400 metres from the site of the proposed development; and
- (ii) that will take those residents to a place that is located at a distance of not more than 400 metres from the relevant facilities or services; and
- (iii) that is available both to and from the proposed development at least once between 8am and 12pm per day and at least once between 12pm and 6pm each day from Monday to Friday (both days inclusive), and the gradient along the pathway from the site to the public transport services (and from the public transport services

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Accessible facilities and services

to the facilities and services referred to in subclause (1)) complies with subclause (3)

- (3) For the purposes of subclause (2)(b) and (c), the overall average gradient along a pathway from the site of the proposed development to the public transport services (and from the public transport services to the facilities and services referred to in subclause (1)) is to be no more than 1:14, although the following gradients along the distance are also acceptable:
- (i) a gradient of no more than 1:12 for slopes for a maximum of 15 metres at a time;
 - (ii) a gradient of no more than 1:10 for slopes for a maximum of 5 metres at a time;
 - (iii) a gradient of no more than 1:8 for slopes for a maximum of 1.5 metres at a time; or
- (4) For the purposes of subclause (2):
- (a) a suitable access pathway is a path of travel by means of a sealed footpath or other similar and safe means that is suitable for access by means of an electric wheelchair, motorised cart or the like, and
 - (b) distances that are specified for the purposes of that subclause are to be measured by reference to the length of any such pathway.
- (5) In this clause:
- Bank service provider** means a bank, credit union or building society or any post office that provides banking services.

Clause 38 – Accessibility:

The proposed development should:

- (i) have obvious and safe pedestrian links from the site that provide access to public transport services and local facilities,

The following assessment has considered the above criteria and provides evidence regarding suitability of the location and surrounding environment.

Distance to shops and services

- 2.2 The site is located approximately 1.0 km to the Newport Shopping Centre or 4 kls to Mona Vale or Avalon shopping centres, which provide a wide variety of shops and services.

Therefore the development relies upon the use of public transport to access shops and services as specified by Clause 26 (2)(b) of the SEPP HS, which requires a 400 metre maximum distance from the site to bus stops and upon arriving at a destination a further 400 metres maximum distance to reach the specified services that incorporate pedestrian accessways which are suitable for motorised wheelchair access.

- 2.3 The site is located at approximately 390 to 393 metres to bus stops on Gladstone Street Avenue which are serviced by 4 bus routes regularly by the 188, L88, 190,

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L90 services which travel from Palm Beach to the City via Avalon, Newport, Mona Vale, Warriewood, Narrabeen, Dee Why, Brookvale and along Military Road to the City.

These bus routes provide numerous services daily Monday to Friday to shopping centres at each of the above locations.



Site Location Map and pedestrian access to the Gladstone Street bus stops



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- 2.4 It is evident that the 390-393 metre distances to public bus transport from the subject site complies with Clause 26(2) of the SEPP HS.

The destination shopping precincts at the abovementioned locations provide a comprehensive range of services to readily satisfy Clause 26(1) and 26(5) of the SEPP HS.

Bus stops within these retail precincts are also located within 400 metres of the required range of services to comply with Clause 26(2) of the SEPP HS.



Footpath access to Bus Stops, to shops and services

- 2.5 While King Street and Gladstone Street provide appropriate footpath access to the bus stops it is evident that a footpath is required from the subject site along Bardo Road to the King Street intersection to enable a continuous accessible path of travel.



Bardo Road to King Street

- 2.6 A site inspection and review of the survey indicates a footpath could be installed with gradients complying with the provisions of Clause 26(3) of the SEPP HS.

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- 2.7 The development proposes to install a footpath on Bardo Road from the pedestrian site entrance to King Street to ensure appropriate footpath access consistent with Clause 26(4) of the SEPP HS.
- 2.8 At the intersection of Bardo Road and King Street the existing kerb ramps and roundabout provides a safe crossing point for pedestrians to access the King Street footpath and continue to the Gladstone Street bus services which readily satisfied Clause 38 of the SEPP HS.



- 2.9 The existing footpaths, kerb ramps and pedestrian crossing at Gladstone Street provide appropriate access consistent with Clauses 26(2), 26(3), 26(4) and 38 of the SEPP HS.



Gladstone Street Bus Stops

Summary of Bus Services

2.10 Bus Route Frequency

Generally, the combined bus routes as mentioned above provide over 100 services daily Monday to Friday and a slightly lesser number on Saturday and Sunday.

With respect to requirements of clause 26(2)(b) of the SEPP HS the timetables for L90, 190, L88, 188, routes confirms the following for trips to the City via Mona Vale, Dee Why and Warringah Mall:

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- a) 20+ services depart from the Gladstone Street bus stop between 8.00am and noon Mon–Fri travelling to Mona Vale, Dee Why, Warringah Mall and the City; and
- b) 25+ return services to the bus stop between noon and 6.00pm from Mona Vale, Dee Why, Warringah Mall and the City.
- 2.11 The same **L90, 190, L88, 188** bus services departing from Gladstone Street to Newport, Avalon and Palm Beach provide at least 15 services between 8.00am and noon and 20 return services between noon and 6.00pm Monday to Friday to comply with clause 26(2)(b) of the SEPP HS.
- 2.12 The timetables also confirm that many of the abovementioned bus routes provide services on Saturday and Sunday to ensure a comprehensive array of public transport. A small sample of the timetables are attached at Appendix A of this report to illustrate the above frequencies.
- Overall, the abovementioned services provide an appropriate range of services and choice of destinations to access a wide range of shops and services to satisfy clause 26 (2)(a) and (b) of the SEPP HS.

Scope and adequacy of retail and community services
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- 2.13 **Destination Accessibility** – With respect to the accessibility of destination bus stops and access to shops and services this assessment confirms appropriate access in accordance with Clauses 26(2)(3)(4) and 38(i) of the SEPP HS at
- Avalon
 - Newport
 - Mona Vale
 - Warriewood and Narrabeen
 - Dee Why, Collaroy and Long Reef
 - Brookvale including Warringah Mall and
 - City (Wynyard) and route L87 to North Sydney.
- 2.14 **Avalon Shopping Centre** is located on Avalon Parade and Old Barrenjoey Road approximately 50-350 metres from the bus stops and there is a signalised pedestrian crossing, footpaths and kerb ramps which provide appropriate access to access shops and services in accordance with Clauses 26(2)(3)(4) and 38(a) of the SEPP HS.
- 2.15 **Newport Shopping Centre** is located on Barrenjoey Road approximately 50-350 metres from the bus stops and there is a signalised pedestrian crossing, footpaths and kerb ramps which provide appropriate access to access shops and services in accordance with Clauses 26(2)(3)(4) and 38(a) of the SEPP HS.
- 2.16 **Mona Vale Shopping Centre** is located on Pittwater and Barrenjoey Roads approximately 50-350 metres from the bus stops and there is a signalised pedestrian

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- crossing, footpaths and kerb ramps which provide appropriate access to access shops and services in accordance with Clauses 26(2)(3)(4) and 38(a) of the SEPP HS.
- 2.17 **Warriewood Shopping Centre** is located on Jackson Road approximately 400 metres from the bus stops and there is a signalised pedestrian crossing, footpaths and kerb ramps which provide appropriate access to access shops and services in accordance with Clauses 26(2)(3)(4) and 38(a) of the SEPP HS.
- 2.18 **Narrabeen, Collaroy, Long Reef & Dee Why Shopping Centres** are located on Pittwater Road approximately 50-350 metres from the bus stops and there is a signalised pedestrian crossing, footpaths and kerb ramps which provide appropriate access to access shops and services in accordance with Clauses 26(2)(3)(4) and 38(a) of the SEPP HS.
- 2.19 **Brookvale & Warringah Mall Shopping Centres** are large regional centres with multiple bus stops and footpaths, kerb ramps and signalized crossings throughout the centres that facilitate appropriate access to access shops and services in accordance with Clauses 26(2)(3)(4) of the SEPP HS.
- 2.20 **Other Services**
- In addition to the abovementioned retail/commercial precincts supplementary surveys confirm a wide range of health/medical, recreational, social and cultural services within the abovementioned suburbs to confirm that the development is well located and provides suitable access to an appropriate range of shops and services for future residents to fully satisfy Clause 26(1) and (5) of the SEPP HS.

Summary of Access to Services, Bus Stops and Bus Services
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- 2.21 In summary it is evident that:
- That the development can provide appropriate pedestrian access to the public bus transport on Gladstone Street in accordance with clauses 26(2)(3)(4) and 38 of the SEPP HS, subject to the installation of a footpath on Bardo Road adjacent to the site.
 - The available bus services provided by bus routes **L90, 190, L88, 188** as listed above, in conjunction with the abovementioned pedestrian infrastructure, will provide appropriate access to services in a manner consistent with clause 26(2)(b) of the SEPP HS.
 - The **L90, 190, L88, 188** bus routes and destination shopping centres and services at Avalon, Newport, Mona Vale, Warriewood, Narrabeen, Dee Why, Collaroy, Long Reef, Brookvale, Warringah Mall, North Sydney and the City, provide a comprehensive range of services to readily satisfy Clause 26(1) and 26(5) of the SEPP HS.

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Conclusion

Following a review of the plans and documentation it is my opinion that the proposed development site is appropriate for the geographical location and can comply with the accessibility and adaptability requirements of the State Environment Planning Policy - Housing for Seniors or People (SEPP HS) with a Disability in the following manner;

- That the development can provide appropriate pedestrian access to the public bus transport on Gladstone Street in accordance with clauses 26(2)(3)(4) and 38 of the SEPP HS, subject to the installation of a footpath on Bardo Road adjacent to the site.
- The development will facilitate access to shops and services through the provision of a transport service (as detailed in Appendix A) that will travel to Avalon, Newport, Mona Vale, Warriewood, Narrabeen, Dee Why, Collaroy, Long Reef, Brookvale, Warringah Mall, North Sydney and the City shopping precincts and recreational services twice a day Monday to Friday during daylight hours in accordance with clauses 26(1), 26(2)(a)(c), 26(3), 26(4) and 38; and
- A review of Avalon, Newport, Mona Vale, Warriewood, Narrabeen, Dee Why, Collaroy, Long Reef, Brookvale, Warringah Mall, North Sydney and the City shopping centres and surrounds illustrates an appropriate range of retail, commercial and recreational services that includes banking, medical centres and Home Nursing/Personal Care Services, supermarkets and numerous variety stores to comply with clause 26(1) and 26(5) suitable for this type of development.



Mark Reif
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Appendix A – Bus Services

Closest timing point to Gladstone Street Newport highlighted below

L90

City Wynyard to Palm Beach (Limited Stops)



Valid from: 04 June 2017

Creation date: 18 Aug 2017

NOTE: Information is correct on date of download.

Monday to Friday																
Wynyard Station, Carrington St, Sydney	05:33	05:55	06:15	06:45	07:10	07:40	08:10	08:40	09:10	09:40	10:10					
Military Rd opp Wycombe Rd, Neutral Bay	05:42	06:03	06:23	06:55	07:20	07:52	08:22	08:52	09:21	09:51	10:20					
Spit Junction, Spit Rd, Mosman	05:46	06:07	06:27	06:59	07:24	07:57	08:27	08:57	09:26	09:56	10:25					
Warringah Mall, Pittwater Rd, Brookvale	05:56	06:18	06:38	07:12	07:38	08:16	08:46	09:16	09:45	10:14	10:40					
Pittwater Rd at St Davids Ave, Dee Why	06:04	06:25	06:45	07:19	07:45	08:24	08:54	09:24	09:53	10:22	10:48					
Pittwater Rd after Collaroy St, Collaroy	06:10	06:32	06:52	07:26	07:52	08:31	09:01	09:31	10:00	10:29	10:55					
Berry Reserve, Pittwater Rd, Narrabeen	06:14	06:36	06:56	07:30	07:57	08:38	09:08	09:35	10:04	10:33	10:59					
Pittwater Rd at Waratah St, Mona Vale	06:21	06:46	07:06	07:40	08:08	08:50	09:17	09:47	10:16	10:45	11:11					
Barrenjoey Rd after Dudley St, Mona Vale	06:23	-	07:08	07:42	08:11	08:53	09:20	09:50	10:19	10:48	11:14					
Newport Anchorage Marina, Beaconsfield St, Newport	06:27	-	07:14	07:48	08:16	08:58	09:25	09:55	10:24	10:53	11:19					
Barrenjoey Rd before Robertson Rd, Newport	06:31	-	07:18	07:52	08:20	09:02	09:29	09:59	10:28	10:57	11:23					
Barrenjoey Rd near Avalon Pde, Avalon	06:37	-	07:24	07:58	08:26	09:08	09:35	10:05	10:34	11:03	11:29					
Barrenjoey Rd near Careel Head Rd, Avalon	06:40	-	07:27	08:01	08:29	09:12	09:39	10:09	10:38	11:07	11:33					
Ocean Pl at Ocean Rd, Palm Beach	06:48	-	07:35	08:10	08:38	09:21	09:48	10:18	10:47	11:17	11:43					
Monday to Friday																
Service Information												S10	S10	S10		
Wynyard Station, Carrington St, Sydney	10:40	11:10	11:40	12:10	12:40	13:10	13:40	14:10	14:40	15:10	15:40					
Military Rd opp Wycombe Rd, Neutral Bay	10:50	11:20	11:50	12:20	12:50	13:20	13:50	14:20	14:50	15:20	15:51					
Spit Junction, Spit Rd, Mosman	10:55	11:25	11:55	12:25	12:55	13:25	13:55	14:25	14:55	15:25	15:56					
Warringah Mall, Pittwater Rd, Brookvale	11:08	11:38	12:08	12:38	13:08	13:38	14:08	14:38	15:08	15:39	16:10					
Pittwater Rd at St Davids Ave, Dee Why	11:16	11:46	12:16	12:46	13:16	13:46	14:16	14:46	15:16	15:47	16:18					
Pittwater Rd after Collaroy St, Collaroy	11:23	11:53	12:23	12:53	13:23	13:53	14:23	14:53	15:23	15:54	16:25					
Berry Reserve, Pittwater Rd, Narrabeen	11:27	11:57	12:27	12:57	13:27	13:57	14:27	14:57	15:27	15:58	16:29					
Pittwater Rd at Waratah St, Mona Vale	11:39	12:09	12:39	13:09	13:39	14:09	14:39	15:09	15:39	16:10	16:41					
Barrenjoey Rd after Dudley St, Mona Vale	11:43	12:13	12:43	13:13	13:43	14:13	14:43	15:13	15:43	16:13	16:44					
Newport Anchorage Marina, Beaconsfield St, Newport	11:47	12:17	12:47	13:17	13:47	14:17	14:47	15:17	15:47	16:20	16:51					
Barrenjoey Rd before Robertson Rd, Newport	11:51	12:21	12:51	13:21	13:51	14:21	14:51	15:21	15:51	16:25	16:56					
Barrenjoey Rd near Avalon Pde, Avalon	11:57	12:27	12:57	13:27	13:57	14:27	14:57	15:27	15:57	16:31	17:02					
Barrenjoey Rd near Careel Head Rd, Avalon	12:01	12:31	13:01	13:31	14:01	14:31	15:01	15:31	16:01	16:36	17:07					
Ocean Pl at Ocean Rd, Palm Beach	12:11	12:41	13:11	13:41	14:11	14:41	15:11	15:41	16:11	16:46	17:17					
Monday to Friday																
Wynyard Station, Carrington St, Sydney	16:10	16:40	17:10	17:40	18:10	18:40	19:10	19:40	20:10	20:40	21:10					
Military Rd opp Wycombe Rd, Neutral Bay	16:21	16:51	17:21	17:51	18:22	18:50	19:20	19:49	20:19	20:49	21:19					
Spit Junction, Spit Rd, Mosman	16:26	16:56	17:26	17:56	18:27	18:55	19:25	19:53	20:23	20:53	21:23					
Warringah Mall, Pittwater Rd, Brookvale	16:39	17:09	17:41	18:12	18:40	19:08	19:36	20:04	20:34	21:04	21:34					
Pittwater Rd at St Davids Ave, Dee Why	16:47	17:17	17:49	18:19	18:47	19:15	19:42	20:10	20:40	21:10	21:40					
Pittwater Rd after Collaroy St, Collaroy	16:54	17:24	17:56	18:26	18:54	19:22	19:49	20:16	20:46	21:16	21:46					
Berry Reserve, Pittwater Rd, Narrabeen	16:58	17:28	18:00	18:30	18:58	19:26	19:52	20:20	20:50	21:20	21:50					
Pittwater Rd at Waratah St, Mona Vale	17:08	17:38	18:10	18:40	19:08	19:35	20:00	20:28	20:58	21:28	21:58					
Barrenjoey Rd after Dudley St, Mona Vale	17:13	17:43	18:13	18:43	19:11	19:38	20:03	20:30	21:00	21:30	22:00					
Newport Anchorage Marina, Beaconsfield St, Newport	17:18	17:48	18:20	18:48	19:16	19:43	20:07	20:35	21:05	21:35	22:05					
Barrenjoey Rd before Robertson Rd, Newport	17:23	17:52	18:24	18:52	19:20	19:46	20:10	20:38	21:08	21:38	22:08					
Barrenjoey Rd near Avalon Pde, Avalon	17:30	17:59	18:30	18:58	19:25	19:51	20:15	20:43	21:13	21:43	22:13					
Barrenjoey Rd near Careel Head Rd, Avalon	17:34	18:03	18:34	19:02	19:28	19:54	20:18	20:46	21:16	21:46	22:16					
Ocean Pl at Ocean Rd, Palm Beach	17:44	18:12	18:43	19:11	19:36	20:02	20:26	20:54	21:24	21:54	22:24					

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L88**City Wynyard to Avalon (Limited Stops)****Valid from: 04 June 2017****Creation date: 18 Aug 2017**

NOTE: Information is correct as date of download.

Monday to Friday										
Wynyard Station, Carrington St, Sydney	06:30	07:00	07:20	07:30	07:50	08:00	08:20	08:30	08:50	09:20
Military Rd opp Wycombe Rd, Neutral Bay	06:38	07:10	07:32	07:42	08:02	08:12	08:32	08:42	09:02	09:31
Spit Junction, Spit Rd, Mosman	06:42	07:14	07:36	07:46	08:07	08:17	08:37	08:47	09:07	09:36
Warringah Mall, Pittwater Rd, Brookvale	06:55	07:29	07:50	08:04	08:26	08:36	08:56	09:06	09:26	09:55
Pittwater Rd at St Davids Ave, Dee Why	07:02	07:35	07:59	08:12	08:34	08:44	09:04	09:14	09:34	10:03
Pittwater Rd after Collaroy St, Collaroy	07:09	07:42	08:05	08:19	08:41	08:51	09:11	09:21	09:41	10:10
Berry Reserve, Pittwater Rd, Narrabeen	07:13	07:47	08:10	08:26	08:48	08:58	09:15	09:25	09:45	10:14
Pittwater Rd at Waratah St, Mona Vale	07:23	07:58	08:22	08:38	09:00	09:10	09:27	09:37	09:57	10:26
Barrenjoey Rd after Darley St, Mona Vale	07:28	08:01	08:25	08:41	09:03	09:13	09:30	09:40	10:00	10:29
Newport Anchorage Marina, Beaconsfield St, Newport	07:21	08:06	08:30	08:46	09:08	09:18	09:35	09:45	10:05	10:34
Barrenjoey Rd before Robertson Rd, Newport	07:35	08:10	08:34	08:50	09:12	09:22	09:39	09:49	10:09	10:38
Barrenjoey Rd near Avalon Pde, Avalon	07:41	08:16	08:40	08:56	09:18	09:28	09:45	09:55	10:15	10:44
Monday to Friday										
Wynyard Station, Carrington St, Sydney	09:30	09:50	10:00	10:25	10:55	11:25	11:55	12:25	12:55	13:25
Military Rd opp Wycombe Rd, Neutral Bay	09:41	10:01	10:10	10:35	11:05	11:35	12:05	12:35	13:05	13:35
Spit Junction, Spit Rd, Mosman	09:46	10:06	10:15	10:40	11:10	11:40	12:10	12:40	13:10	13:40
Warringah Mall, Pittwater Rd, Brookvale	10:05	10:22	10:30	10:54	11:23	11:53	12:23	12:53	13:23	13:53
Pittwater Rd at St Davids Ave, Dee Why	10:13	10:30	10:38	11:02	11:31	12:01	12:31	13:01	13:31	14:01
Pittwater Rd after Collaroy St, Collaroy	10:20	10:37	10:45	11:09	11:38	12:08	12:38	13:08	13:38	14:08
Berry Reserve, Pittwater Rd, Narrabeen	10:24	10:41	10:49	11:13	11:42	12:12	12:42	13:12	13:42	14:12
Pittwater Rd at Waratah St, Mona Vale	10:36	10:53	11:01	11:25	11:54	12:24	12:54	13:24	13:54	14:24
Barrenjoey Rd after Darley St, Mona Vale	10:39	10:56	11:04	11:28	11:57	12:27	12:57	13:27	13:57	14:27
Newport Anchorage Marina, Beaconsfield St, Newport	10:44	11:01	11:09	11:33	12:04	12:34	13:04	13:34	14:04	14:34
Barrenjoey Rd before Robertson Rd, Newport	10:48	11:05	11:13	11:37	12:08	12:38	13:08	13:38	14:08	14:39
Barrenjoey Rd near Avalon Pde, Avalon	10:54	11:11	11:19	11:43	12:14	12:44	13:14	13:44	14:14	14:45
Monday to Friday										
Wynyard Station, Carrington St, Sydney	14:25	14:50	15:00	15:20	15:30	15:50	16:00	16:20	16:30	16:50
Military Rd opp Wycombe Rd, Neutral Bay	14:35	15:00	15:10	15:30	15:41	16:01	16:11	16:31	16:41	17:03
Spit Junction, Spit Rd, Mosman	14:40	15:05	15:15	15:35	15:46	16:06	16:16	16:36	16:46	17:08
Warringah Mall, Pittwater Rd, Brookvale	14:53	15:19	15:29	15:49	16:00	16:20	16:29	16:49	16:59	17:21
Pittwater Rd at St Davids Ave, Dee Why	15:01	15:27	15:37	15:57	16:08	16:28	16:37	16:57	17:07	17:29
Pittwater Rd after Collaroy St, Collaroy	15:08	15:34	15:44	16:04	16:15	16:35	16:44	17:04	17:14	17:36
Berry Reserve, Pittwater Rd, Narrabeen	15:12	15:38	15:48	16:08	16:19	16:39	16:48	17:08	17:18	17:40
Pittwater Rd at Waratah St, Mona Vale	15:24	15:50	16:00	16:20	16:31	16:51	17:01	17:21	17:31	17:53
Barrenjoey Rd after Darley St, Mona Vale	15:27	15:53	16:03	16:23	16:34	16:54	17:04	17:24	17:34	17:56
Newport Anchorage Marina, Beaconsfield St, Newport	15:34	16:00	16:10	16:30	16:41	17:01	17:11	17:31	17:41	18:03
Barrenjoey Rd before Robertson Rd, Newport	15:39	16:05	16:15	16:35	16:46	17:06	17:16	17:36	17:46	18:08
Barrenjoey Rd near Avalon Pde, Avalon	15:46	16:12	16:22	16:42	16:53	17:13	17:23	17:43	17:53	18:15
Monday to Friday										
Wynyard Station, Carrington St, Sydney	17:20	17:30	17:50	18:00	18:20	18:30	18:50	19:00	19:20	19:50
Military Rd opp Wycombe Rd, Neutral Bay	17:35	17:45	18:02	18:12	18:32	18:40	19:00	19:10	19:30	19:59
Spit Junction, Spit Rd, Mosman	17:40	17:50	18:07	18:17	18:37	18:45	19:05	19:15	19:35	20:03
Warringah Mall, Pittwater Rd, Brookvale	17:53	18:03	18:20	18:30	18:50	18:58	19:17	19:26	19:45	20:14
Pittwater Rd at St Davids Ave, Dee Why	18:01	18:10	18:27	18:37	18:57	19:05	19:24	19:32	19:51	20:20
Pittwater Rd after Collaroy St, Collaroy	18:09	18:17	18:34	18:44	19:04	19:12	19:31	19:38	19:57	20:26
Berry Reserve, Pittwater Rd, Narrabeen	18:12	18:21	18:38	18:48	19:08	19:16	19:35	19:42	20:01	20:30
Pittwater Rd at Waratah St, Mona Vale	18:22	18:31	18:48	18:58	19:18	19:26	19:43	19:50	20:09	20:38
Barrenjoey Rd after Darley St, Mona Vale	18:25	18:34	18:51	19:01	19:21	19:29	19:46	19:53	20:11	20:40
Newport Anchorage Marina, Beaconsfield St, Newport	18:31	18:39	18:56	19:06	19:26	19:34	19:51	19:58	20:16	20:45
Barrenjoey Rd before Robertson Rd, Newport	18:35	18:43	19:00	19:10	19:30	19:37	19:54	20:01	20:19	20:48
Barrenjoey Rd near Avalon Pde, Avalon	18:41	18:49	19:06	19:15	19:35	19:42	19:59	20:06	20:24	20:53

Appendix B – Statement of Expertise

CONSULTANCY PROFILE & STATEMENT OF EXPERTISE

Accessibility Solutions consultancy offers a range of services to provide advice for clients to develop new and modify existing buildings, facilities and services to be accessible to people with disabilities to comply with legislation and regulations relevant to people with disabilities.

Relevant legislation and regulations that underpins advice includes the Disability Discrimination Act (DDA) Building Code of Australia, Australian Standards 1428, DDA Premises Standards, DDA Transport Standard, State Environment Planning Policy Housing for Seniors or People With a Disability (SEPP HS) / Seniors Living Policy, SEPP 65 – Apartment Design Guide and various local government Development Control Plans.

The scope of services provided by Accessibility Solutions includes:

- Plan Appraisals and design advice
- Access Reports for development applications and construction certificates
- Expert Reports for Court evidence
- Access Auditing of existing buildings, facilities, transport conveyances and infrastructure
- Policy and document reviews and development of Disability Action Plans
- Staff training in access auditing

The services consider issues concerning people with all types of disability including: physical; vision; hearing, intellectual and other cognitive impairments that may affect access for people with a disability consistent with the Disability Discrimination Act.

As principal consultant Mark Reif has considerable experience and expertise in a wide range of access related projects and has attained accreditation with the Association of Consultants in Access Australia for the purposes of providing advice concerning access to the built environment and services for people with disabilities.

His expertise has been gained over 20 years working in management and advocacy roles within the disability sector and since 1994 providing advice to clients on access issues. Mark also participates on various key committees concerning access for people with disabilities. His qualifications and affiliations are:

- Accredited Member of the Association of Consultants in Access Australia.
- Member, Standards Australia ME/64 Committee responsible for the AS1428 suite and AS4299 – Adaptable Housing.
- Former Member 2000-2014, NSW Heritage Office's – Fire, Access and Services Advisory Panel.



