



## Accessibility Design Review – DA Review

**Project Title:** Independent Living Development  
7-8 Coronation St, Mona Vale

**Job Number:** 21416

**Date:** 23 September 2021

**Prepared For:** DRX Investments (No.3) Pty Ltd  
C/- Delmege Property Group

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Draft	1.0	21 September 2021	For Review & Comment
Final	1.1	23 September 2021	For DA documentation

# ACCESSIBILITY DESIGN REVIEW

**PROJECT:** Independent Living Development

**LOCATION:** 7-8 Coronation St, Mona Vale

## 1.0 INTRODUCTION

This report provides an Accessibility Design Review of the proposed residential development at 7-8 Coronation St, Mona Vale.

### 1.1 Project Information & Classification

The proposed development consists of 8x self-contained dwellings over a common basement carpark located at the subject site.

It is understood the following Building Code of Australia 2019 building classification(s) apply to the subject tenancy (to be confirmed by the BCA Consultant / PCA) –

Building Part	Building Classification	Use
Basement	Class 2	Resident parking.
Level 01 - 03	Class 2	Residential apartments

### 1.2 Purpose of the Report

DRX Investments (No.3) Pty Ltd C/- Delmege Property Group engaged the services of ABE Consulting as Accessibility Consultants for this project to undertake an assessment of the proposed design documentation in relation to the accessibility related requirements as identified in Part 1.3 of this report for submission to the Local Council as part of the Development Application documentation.

### 1.3 Report Scope

This report provides an Accessibility Design Review of the relevant project architectural documentation in the context of the following –

- Part D3, Clause F2.4 and Clause E3.6 'deemed-to-satisfy' (DtS) requirements of the Building Code of Australia 2019 (BCA)
- The Disability (Access to Premises - Buildings) Standards 2010;
- State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004 - Schedule 3 - Standards concerning accessibility and usability for hostels and self-contained dwellings;

This Accessibility Design Review is based on –

- Architectural design documentation prepared by Gartner Trovato Architects, Project No. 2131, as follows:

Dwg#	Title	Date – Issue
A02	SITE ANALYSIS PLAN	SEPT 2021 - A
A03	SITE PLAN	SEPT 2021 - A
A04	BASEMENT PLAN	SEPT 2021 - A
A05	LEVEL 01 PLAN	SEPT 2021 - A
A06	LEVEL 02 PLAN	SEPT 2021 - A
A07	LEVEL 03 PLAN	SEPT 2021 - A

- The Building Code of Australia 2019 (BCA) prepared by the Australian Building Codes Board.
- The Guide to the BCA 2019, prepared by the Australian Building Codes Board.
- The Disability (Access to Premises – Building) Standards 2010.
- Australian Standards AS 1428.1-2009 - Design for Access and Mobility - Part 1: General requirements for access - New building work.
- Australian Standards AS/NZS 2890.6-2009 – Off-street parking for people with disabilities.
- Australian Standards AS/NZS 1428.4.1-2009 - Design for Access and Mobility - Part 4.1: Means to assist the orientation of people with vision impairment – Tactile ground surface indicators.
- Australian Standards AS 2890.1-1993 Parking facilities, Part 1: Off street parking.
- State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004 - Schedule 3 Requirements.

## 1.4 Limitations of the Report

The Disability Discrimination Act (DDA - 1992) is a Federal Government legislation enacted in 1993 that seeks to ensure all new building infrastructure, refurbishments, services and transport projects provide functional, equitable and independent accessibility. The DDA is a complaints based legislation, which is administered by the Australian Human Rights Commission (AHRC). For any built environment the key requirement of the DDA is to ensure functionality, equity and independence of movement by people with disabilities, their companions, family and carer givers.

A key component of compliance to the DDA is the use of the Disability (Access to Premises - Buildings) Standards 2010, Part D3, Clause F2.4 and Clause E3.6 of the Building Code of Australia 2019 (BCA) and the relevant referenced standards primarily being Australian Standards Suite AS1428 and Australian Standards AS2890.6 – Off-street parking for people with disabilities. The AS 1428 series details technical requirements related to design for access and mobility.

The Building Code of Australia has adopted key accessibility and DDA legislation into the 2011 BCA. In particular adherence to the Access to Premises Standard (2010); AS1428.1 2009; AS1428.4.1 2009 and AS2890.6 2009 has become mandatory. However, compliance with these elements does not necessarily result in compliance with the Disability Discrimination Act if the elements of equality, independence and functionality remain compromised within an environment.

This report does not include or assess the following –

- The provisions of the BCA not directly referenced in Part 1.3 of this report;
- Standards not directly referenced in this report; including AS4299-1995 (Adaptable Housing) unless otherwise explicitly specified in Part 1.3 of this report;
- Disability Discrimination Act 1992 (as explored earlier);
- Federal / State / Local planning policies and/or guidelines unless otherwise explicitly specified in Part 1.3 of this report;
- Work Health & Safety considerations or Work Cover Authority requirements;
- This report does not provide any performance based assessments (Performance Solutions) of the BCA;
- This report does not provide any exemptions from the requirements of the BCA.
- This report is not a Part 4A compliance certificate under the Environmental Planning & Assessment Act 1979 or Regulation 2000;

- Review or specification of slip-resistance classification(s) for floor surface finishes / materials. We recommend surface finish advice be sought from an independent specialist slip safety consultant.

## 1.5 The Disability (Access to Premises – Building) Standards 2010

The Disability (Access to Premises - Buildings) Standards 2010 provides the prescriptive requirements set out regarding the upgrade of an existing building where works are being undertaken.

The Premises Standards apply to:

- a new building
- a new part of an existing building
- the *affected part* of an existing building.

The new parts of a building and any subsequent affected part are outlined as per the below extracts of The Disability (Access to Premises - Buildings) Standards 2010 –

### New Part:

A part of a building is a **New Part** of the building if it is an extension to the building or a modified part of the building about which:

- *An application for approval for the building work is submitted, on or after 1 May 2011, to the competent authority in the state or territory where the building is located; or*
- *All of the following apply:*
  - i. *The building work is carried out for or on behalf of the Crown;*
  - ii. *The building work commences on or after 1 May 2011;*
  - iii. *No application for approval for the building work is submitted, before 1 May 2011, to the competent authority in the state or Territory where the building is located.*

### Affected Part:

- *the principal pedestrian entrance of an existing building that contains a new part and*
- *any part of an existing building that contains a new part, that is necessary to provide a continuous accessible path of travel from the entrance to the new part.*

Furthermore, Part 4 of The Disability (Access to Premises - Buildings) Standards 2010 sets out applicable exceptions and concessions. In this instance the following lessee concession is provided –

### Lessees:

If the lessee of a *new part* of a building submits an application for approval for the building work, the following people do not have to ensure that the *affected part* of the building complies with these Standards:

- The building Certifier;
- The building developer;
- The building manager.

## 2.0 ACCESSIBILITY DESIGN REVIEW

The following tables provide an assessment of the architectural design documentation in relation to the DtS provisions of the BCA / Premises Standards in the context as outlined in Part 1 of this report.

The tables identify each of the relevant assessment outcomes into six (6) main categories, as follows –

**Capable of Complying (CoC) –** Spatial allowance has been made to accommodate compliance where the specification provided has been satisfied.

**Compliance Departure (CD) –** A compliance departure with the DtS provisions of the BCA.

**Design Detail (DD) –** A detail commentary/specification is offered within the report.

**Performance Solution (PSR) –** A Performance Solution Report is being pursued to justify the compliance departures

**Not Applicable (N/A) –** Not applicable or not relevant to the project. Commentary provided.

**Informational (Info) –** Provided for informational purposes

**Interpretation Note(s) –**

- Readily moveable furniture has been treated as indicative only unless otherwise noted within the report as it is not considered to form part of the building as addressed by the BCA.

## BCA Part D3 – ACCESS FOR PEOPLE WITH DISABILITIES

### Cl. D3.1: General building access requirements

DtS Provision	Comment(s)/Recommendation(s)	Status
Buildings and parts of the building must be accessible as required by Table D3.1, unless exempted by D3.4. Table D3.1 requires that access is provided –  <b><u>Class 2 –</u></b> <ul style="list-style-type: none"> <li>From a pedestrian entrance required to be accessible to at least 1 floor containing sole-occupancy units and to the entrance doorway of each sole-occupancy unit located on that level.</li> <li>To and within not less than 1 of each type of room or space for use in common by the residents, including a cooking facility, sauna, gymnasium, swimming pool, common laundry, games room, individual shop, eating area, or the like.</li> <li>Where a ramp complying with AS 1428.1 or a passenger lift is installed— <ul style="list-style-type: none"> <li>a) to the entrance doorway of each sole-occupancy unit; and</li> <li>b) to and within rooms or spaces for use in common by the residents, located on the levels served by the lift or ramp.</li> </ul> </li> </ul>	<p><b>1. <u>Doorways:</u></b> All doorways along an accessway are required to have a clear door opening width no less than 850mm clear and be provided with door circulation spaces as prescribed by AS1428.1-2009.</p> <p><b><u>Design Detail:</u></b> Ensure doorway clearance and circulation space is provided to common areas, including the storage rooms.</p> <p>Refer to Section 3 of this report for internal configuration requirements.</p> <p>Compliance is otherwise readily achievable with specification to be provided at detailed design stage.</p>	CoC
	<p><b>2. <u>Access between areas:</u></b> Access is required to and within all areas normally used by the occupants. This will include bin rooms or garbage chutes.</p> <p>Compliance is readily achievable with specification to be provided at detailed design stage.</p>	CoC
	<p><b>3. <u>Paths of travel:</u></b> All pathways require a minimum of a 1000mm clear pathway. Additional width may be required depending on the scenario.</p> <p>Compliance is otherwise readily achievable with specification to be provided at detailed design stage.</p>	CoC

### Cl. D3.2: Access to Buildings

DtS Provision	Comment(s)/Recommendation(s)	Status
An accessway must be provided to a building required to be accessible – <ul style="list-style-type: none"> <li>from the main points of pedestrian entry at the allotment boundary; and</li> <li>from another accessible building connected by a pedestrian link; and</li> </ul>	Compliance is otherwise readily achievable with specification to be provided at detailed design stage.	CoC

<ul style="list-style-type: none"> <li>from any required accessible carparking space on the allotment.</li> </ul> <p>In a building required to be accessible, an accessway must be provided through the principal pedestrian entrance, and –</p> <ul style="list-style-type: none"> <li>through not less than 50% of all pedestrian entrances including the principal pedestrian entrance; and</li> <li>in a building with a floor area more than 500m<sup>2</sup>, a pedestrian entrance which is not accessible must not be located more than 50m from an accessible pedestrian entrance.</li> </ul> <p>except for pedestrian entrances serving only areas exempted by D3.4.</p>		
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### **Cl. D3.3: Parts of buildings to be accessible**

<b>DtS Provision</b>	<b>Comment(s)/Recommendation(s)</b>	<b>Status</b>
In a building required to be accessible every ramp and stairway, except for ramps and stairways in areas exempted by D3.4, must comply with –		
<ul style="list-style-type: none"> <li>for a ramp, except a fire-isolated ramp, clause 10 of AS 1428.1; and</li> </ul>	<p>All non-fire-isolated ramps are required to comply with AS1428.1-2009.</p> <p><u>Design Detail</u></p> <p>Ensure landings are provided on walkways and ramps at the prescribed intervals</p> <p><u>Design Detail</u></p> <p>Ensure walkways and ramps are provided with suitable abutment on both sides.</p> <p>Compliance is otherwise readily achievable with minor design development and/or specification at the Detailed Design Stage.</p>	CoC
<ul style="list-style-type: none"> <li>for a stairway, except a fire-isolated stairway, clause 11 of AS 1428.1; and</li> </ul>	<p>All non-fire-isolated stairways are required to comply with AS1428.1-2009.</p> <p><u>Design Detail</u></p> <p>Ensure stairways are provided with prescribed setbacks from adjacent pedestrian pathways.</p> <p><u>Design Detail</u></p> <p>Unenclosed fire egress stairways from the basement may need accessible features if</p>	CoC



	<p>required by the certifying authority prior to CC.</p> <p>Compliance is readily achievable with minor design development and/or specification at the Detailed Design Stage.</p>	
<ul style="list-style-type: none"> <li>for a fire-isolated stairway, clause 11.1(f) and (g) of AS 1428.1; and</li> </ul>	<p>Compliance is readily achievable.</p> <p><i>N.B. – Cl. D2.17(a)(vi) of the BCA is generally assessed by the PCA / BCA Consultant. Where assessment of this Clause is required by this office please confirm and provide detail.</i></p>	CoC
<p>Accessways must have—</p> <ul style="list-style-type: none"> <li>passing spaces complying with AS 1428.1 at maximum 20 m intervals where a direct line of sight is not available</li> <li>turning spaces complying with AS 1428.1 at 20m intervals or within 2m of the termination of an accessway.</li> </ul>	<p>Compliance is readily achievable with minor design development and/or specification at the Detailed Design Stage.</p>	CoC

#### **Cl. D3.4: Exemptions**

<b>DtS Provision</b>	<b>Comment(s)/Recommendation(s)</b>	<b>Status</b>
<p>The following areas are not required to be accessible –</p> <ul style="list-style-type: none"> <li>An area where access would be inappropriate because of the particular purpose for which the area is used.</li> <li>An area that would pose a health or safety risk for people with a disability.</li> <li>Any path of travel providing access only to an area exempted by (a) or (b).</li> </ul>	<p>Exemptions are to be reviewed on a case by case basis. We highlight that the following parts of the building have been offered an access exemption (not exhaustive) –</p> <ul style="list-style-type: none"> <li>Caretaker only areas</li> <li>Plant &amp; equipment room(s)</li> <li>Loading Dock</li> <li>Storage rooms</li> </ul>	Info

#### **Cl. D3.5: Accessible carparking**

<b>DtS Provision</b>	<b>Comment(s)/Recommendation(s)</b>	<b>Status</b>
<p>Accessible carparking spaces are to be provided in accordance with Table D3.5 of the BCA in a Class 7a building and a carparking area on the same allotment as a building required to be accessible.</p> <p>The BCA does not prescribe the provision of accessible carparking spaces for Class 2 buildings.</p>	<p>Refer to the SEPP Seniors Living Schedule 3 requirements outlined in Part 3.0 of this report for details.</p>	Info

### **Cl. D3.6: Signage**

<b>DtS Provision</b>	<b>Status</b>
<p>In a building required to be accessible signage complying with Spec. D3.6, AS1428.1-2009 and incorporating the appropriate recognised symbol (as appropriate) for persons with disability must be provided as follows —</p> <ul style="list-style-type: none"><li>• braille and tactile signage must identify each sanitary facility and space with hearing augmentation;</li><li>• braille and tactile signage must identify each door required by E4.5 to be provided with an exit sign and state “<b>Exit</b>” and “<b>Level</b>” followed by the floor level number;</li><li>• signage must be provided within a room containing a hearing augmentation system identifying; the type of system, the area covered within the room and if receivers are being used and where the receivers can be obtained;</li><li>• signage must be provided for accessible unisex sanitary facilities to identify if the facility is suitable for left or right handed use;</li><li>• signage to identify an ambulant accessible sanitary facility must be located on the door of the facility;</li><li>• directional signage where a pedestrian entrance is not accessible.</li><li>• directional signage where a bank of sanitary facilities are not provided with an accessible sanitary facility.</li></ul> <p><b>A design compliance certificate should be obtained from the signage designer/contractor to confirm compliance with the relevant provisions of the BCA and Australian Standards.</b></p>	DD

### **Cl. D3.7: Hearing augmentation**

N/A – No areas requiring the provision of a hearing augmentation system have been indicated.

### **Cl. D3.8: Tactile indicators**

<b>DtS Provision</b>	<b>Comment(s)/Recommendation(s)</b>	<b>Status</b>
<p>Tactile ground surface indicators complying with sections 1 and 2 of AS/NZS 1428.4.1:2009 must be provided to warn people who are blind or have a vision impairment that they are approaching —</p> <ul style="list-style-type: none"><li>• a stairway, other than a fire-isolated stairway;</li><li>• an escalator/moving walk;</li><li>• a ramp other than a fire-isolated ramp, step ramp, kerb ramp or swimming pool ramp;</li><li>• in the absence of a suitable barrier an overhead obstruction less than 2 m and where an accessway meeting a vehicular way adjacent to any pedestrian entrance to a building.</li></ul>	Compliance is readily achievable with minor design development and/or specification at the Detailed Design Stage.	CoC

### **Cl. D3.9: Wheelchair seating spaces in Class 9b assembly buildings**

N/A – Not a Class 9b building.

### **Cl. D3.10: Swimming pools**

N/A – No common area swimming pool is proposed.

### **Cl. D3.11: Ramps**

DtS Provision	Comment(s)/Recommendation(s)	Status
On an accessway, a series of connected ramps must not have a combined vertical rise of more than 3.6 m; and a landing for a step ramp must not overlap a landing for another step ramp or ramp.	Compliance is readily achievable.	CoC

### **Cl. D3.12: Glazing on an accessway**

DtS Provision	Comment(s)/Recommendation(s)	Status
Where there is no chair rail, handrail or transom, all frameless or fully glazed doors, sidelights and any glazing capable of being mistaken for a doorway or opening, must be clearly marked in accordance with AS 1428.1.		DD

## **BCA Part E3 – LIFT INSTALLATIONS**

### **Cl. E3.6: Passenger lifts**

DtS Provision	Comment(s)/Recommendation(s)	Status
Every passenger lift must – <ul style="list-style-type: none"><li>• be one of the types identified in Table E3.6a, subject to the limitations on use specified in the Table; and</li><li>• have accessible features in accordance with Table E3.6b; and</li><li>• not rely on a constant pressure device for its operation if the lift car is fully enclosed.</li></ul>	The proposed passenger lift shall have the following features: <ul style="list-style-type: none"><li>• Handrail complying with the mandatory handrail provisions of AS1735.12,</li><li>• Lift floor dimensions not less than 1,100mm x 1,400mm (as the lift vertical travel is less than 12m),</li><li>• Minimum clear door opening complying with AS1735.12,</li><li>• Passenger protection system complying with AS1735.12,</li><li>• Lift landing doors at the upper landing,</li><li>• Lift car and landing control buttons complying with AS1735.12,</li><li>• Lighting in accordance with AS1735.12,</li><li>• Automatic audible/visual information within the lift car and at the landings as prescribed,</li><li>• Emergency hands-free communication, including a button that alerts a call centre of a problem and a light to signal that the call has been received.</li></ul>	CoC

	<p>A design compliance certificate is be obtained from the lift designer to confirm compliance with the relevant provisions of the BCA and Australian Standards.</p> <p><u>Design Detail –</u></p> <p>Ensure the passenger lift doorway opening achieves 900mm clear opening width.</p> <p><u>Design Detail –</u></p> <p>Ensure lift landing controls are provided no less than 500mm from an internal corner (platform lift door openings may dictate where the call button(s) can be located).</p>	
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## **BCA Part F2 – SANITARY AND OTHER FACILITIES**

### **Cl. F2.4: Accessible sanitary facilities**

**N/A –** No common area sanitary facilities are proposed.

### 3.0 SEPP SENIOR 2004 REQUIREMENTS

#### State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004

The following is a summary and check list of the State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004, specifically assessing the development against the requirements of Chapter 3, Part 2 and Schedule 3

Chapter 3, Part 2 – Site-related requirements - Clause 26 Location and access to facilities		
Provisions	Comment	Status
<p><b>“(1) A consent authority must not consent</b> 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:</p> <p>(a) shops, bank service providers and other retail and commercial services that residents may reasonably require, and</p> <p>(b) community services and recreation facilities, and</p> <p>(c) the practice of a general medical practitioner.”</p>	<p>The development relies upon the provisions of clause 26(2) (a) &amp; (b) regarding access to services either within walking distance or via a public transport service that can convey residents to an appropriate range of services and shops.</p> <p>There are 2x bus stops provided in the vicinity, all within 400m of the proposed development.</p> <p>The 155 Bus route currently includes Mona Vale town centre/shops.</p> <p>Plans indicate a new footpath and kerb ramps will be provided to achieve access to both stops.</p>	CoC
<p><b>(2) Access complies with this clause if:</b></p> <p>“(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:</p> <p>(i) a gradient of no more than 1:12 for slopes for a maximum of 15 metres at a time,</p> <p>(ii) a gradient of no more than 1:10 for a maximum length of 5 metres at a time,</p> <p>(iii) a gradient of no more than 1:8 for distances of no more than 1.5 metres at a time, or</p> <p>(b) in the case of a proposed development on land in a local government area that is within the Sydney Statistical Division—there is a transport service available to the</p>	<p>The gradients along this footpath are all indicated as shallower than the prescribed 1:14 average.</p>	

<p>residents who will occupy the proposed development:</p> <ul style="list-style-type: none"> <li>(i) that is located at a distance of not more than 400 metres from the site of the proposed development and the distance is accessible by means of a suitable access pathway, and</li> <li>(ii) that will take those residents to a place that is located at a distance of not more than 400 metres from the facilities and services referred to in subclause (1), and</li> <li>(iii) that is available both to and from the proposed development during daylight hours at least once each day between 12pm and 6pm each day from Monday to Friday (both days inclusive),</li> </ul> <p>and the gradient along the pathway from the site to the public transport services (and from the transport services to the facilities and services referred to in subclause (1)) complies with subclause (3).</p>		
<p><b>“(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 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 pathway are also acceptable:</b></p> <ul style="list-style-type: none"> <li>(i) a gradient of no more than 1:12 for slopes for a maximum of 15 metres at a time,</li> <li>(ii) a gradient of no more than 1:10 for a maximum length of 5 metres at a time,</li> <li>(iii) a gradient of no more than 1:8 for distances of no more than 1.5 metres at a time.”</li> </ul>		

<b>38 Accessibility</b> The proposed development should: <ul style="list-style-type: none"> <li>(a) have obvious and safe pedestrian links from the site that provide access to public transport services or local facilities, and</li> <li>(b) provide attractive, yet safe, environments for pedestrians and motorists with convenient access and parking for residents and visitors.</li> </ul>	Compliance is readily achievable.	CoC
<b>Schedule 3 - Standards concerning accessibility and use-ability for hostels and self-contained dwellings.</b>		
<b>Part 1 Standards applying to hostels and self-contained dwellings</b>		
<b>1 Application of standards in this Part</b> The standards set out in this Part apply to any seniors housing that consists of hostels or self-contained dwellings. <b>N.B.</b> Despite the provisions of clauses 2, 7, 8, 9, 10, 11, 12, 13 and 15–20 of Schedule 3, a self-contained dwelling, or part of such a dwelling, that is located above the ground floor in a multi-storey building does not have to comply with the requirements of those provisions if the development application is made by, or by a person jointly with, a social housing provider.		
Provisions	Comment	Status
<b>2 Siting standards</b> <b>(1) Wheelchair access</b> If the whole of the site has a gradient of less than 1:10, 100% of the dwellings must have wheelchair access by a continuous accessible path of travel (within the meaning of AS 1428.1) to an adjoining public road. <b>(2)</b> If the whole of the site does not have a gradient of less than 1:10: <ul style="list-style-type: none"> <li>(a) the percentage of dwellings that must have wheelchair access must equal the proportion of the site that has a gradient of less than 1:10, or 50%, whichever is the greater, and</li> <li>(b) the wheelchair access provided must be by a continuous accessible path of travel (within the meaning of AS 1428.1) to an adjoining public road or an internal road or a driveway that is accessible to all residents.</li> </ul> <b>Note.</b> For example, if 70% of the site has a gradient of less than 1:10, then 70% of the dwellings must have wheelchair access as	Compliance is readily achievable with minor design development and/or specification at the Detailed Design Stage.	CoC

<p>required by this subclause. If more than 50% of the site has a gradient greater than 1:10, development for the purposes of seniors housing is likely to be unable to meet these requirements.</p> <p><b>(3) Common areas</b> Access must be provided in accordance with AS 1428.1 so that a person using a wheelchair can use common areas and common facilities associated with the development.</p>		
<p><b>3 Security</b> Pathway lighting: (a) must be designed and located so as to avoid glare for pedestrians and adjacent dwellings, and (b) must provide at least 20 lux at ground level.</p>	<p>Compliance is readily achievable with minor design development and/or specification at the Detailed Design Stage</p>	<p>CoC</p>
<p><b>4 Letterboxes</b> Letterboxes: (a) must be situated on a hard-standing area and have wheelchair access and circulation by a continuous accessible path of travel (within the meaning of AS 1428.1), and (b) must be lockable, and (c) must be located together in a central location adjacent to the street entry or, in the case of self-contained dwellings, must be located together in one or more central locations adjacent to the street entry.</p>	<p>Compliance is readily achievable.</p>	<p>CoC</p>
<p><b>5 Private car accommodation</b> If car parking (not being car parking for employees) is provided: (a) car parking spaces must comply with the requirements for parking for persons with a disability set out in AS 2890, and (b) 5% of the total number of car parking spaces (or at least one space if there are fewer than 20 spaces) must be designed to enable the width of the spaces to be increased to 3.8 metres, and (c) any garage must have a power-operated door, or there must be a power point and an area for motor or control rods to enable a</p>	<p>Compliance is readily achievable.</p> <p>This clause refers to AS 2890, <i>Parking facilities, Part 1: Off street parking</i>.</p> <p>The minimum clear width of car parking spaces is required to be 3.2m. The minimum length of carparking spaces is to be 5.4m.</p> <p>Additionally, at least 5% (or at least one space if there are fewer than 20 spaces) of the total number of carparking spaces is to be increasable to 3.8m wide.</p>	<p>CoC</p>



power-operated door to be installed at a later date.		
<b>6 Accessible entry</b> Every entry (whether a front entry or not) to a dwelling, not being an entry for employees, must comply with clauses 4.3.1 and 4.3.2 of AS 4299.	Details to be provided at detailed design stage. <ul style="list-style-type: none"> <li>• An 850mm clear opening with appropriate latch side clearance.</li> <li>• Lighting complying with AS1680.2 and achieving a minimum 150 lux.</li> <li>• Call buttons at entrances shall be located between 900-1100mm from the floor and not less than 500mm from internal corners.</li> <li>• D shaped lever latch set located between 900-1100mm from the floor.</li> </ul>	CoC
<b>7 Interior: general</b> (1) Internal doorways must have a minimum clear opening that complies with AS 1428.1. (2) Internal corridors must have a minimum unobstructed width of 1,000 millimetres. (3) Circulation space at approaches to internal doorways must comply with AS 1428.1.	<u>Design Detail</u> All internal doors are to be 850mm clear and provided with the prescribed door circulation space. Compliance is otherwise readily achievable with minor design development and/or specification at the Detailed Design Stage.	CoC
<b>8 Bedroom</b> At least one bedroom within each dwelling must have: <ul style="list-style-type: none"> <li>(a) an area sufficient to accommodate a wardrobe and a bed sized as follows: <ul style="list-style-type: none"> <li>(i) in the case of a dwelling in a hostel—a single-size bed,</li> <li>(ii) in the case of a self-contained dwelling—a queen-size bed, and</li> </ul> </li> <li>(b) a clear area for the bed of at least: <ul style="list-style-type: none"> <li>(i) 1,200 millimetres wide at the foot of the bed, and</li> <li>(ii) 1,000 millimetres wide beside the bed between it and the wall, wardrobe or any other obstruction, and</li> </ul> </li> <li>(c) 2 double general power outlets on the wall where the head of the bed is likely to be, and</li> </ul>	Compliance is readily achievable with minor design development and/or specification at the Detailed Design Stage.	CoC

<p>(d) at least one general power outlet on the wall opposite the wall where the head of the bed is likely to be, and</p> <p>(e) a telephone outlet next to the bed on the side closest to the door and a general power outlet beside the telephone outlet, and</p> <p>(f) wiring to allow a potential illumination level of at least 300 lux.</p>		
<p><b>9 Bathroom</b></p> <p>(1) At least one bathroom within a dwelling must be on the ground (or main) floor and have the following facilities arranged within an area that provides for circulation space for sanitary facilities in accordance with AS 1428.1:</p> <p>(a) a slip-resistant floor surface,</p> <p>(b) a washbasin with plumbing that would allow, either immediately or in the future, clearances that comply with AS 1428.1,</p> <p>(c) a shower that complies with AS 1428.1, except that the following must be accommodated either immediately or in the future:</p> <p>(i) a grab rail,</p> <p>(ii) portable shower head,</p> <p>(iii) folding seat,</p> <p>(d) a wall cabinet that is sufficiently illuminated to be able to read the labels of items stored in it,</p> <p>(e) a double general power outlet beside the mirror.</p> <p>(2) Subclause (1) (c) does not prevent the installation of a shower screen that can easily be removed to facilitate future accessibility.</p>	<p>Compliance is readily achievable with minor design development and/or specification at the Detailed Design Stage</p>	<p>CoC</p>
<p><b>10 Toilet</b></p> <p>A dwelling must have at least one toilet on the ground (or main) floor and be a visitable toilet that complies with the requirements for sanitary facilities of AS 4299.</p>	<p>Compliance is readily achievable</p>	<p>CoC</p>
<p><b>11 Surface finishes</b></p> <p>Balconies and external paved areas must have slip-resistant surfaces.</p>	<p>Compliance is readily achievable.</p> <p>Slip resistivity to be nominated at detailed design stage.</p>	<p>CoC</p>

<b>Note.</b> Advise regarding finishes may be obtained from AS 1428.1.		
<b>12 Door hardware</b> Door handles and hardware for all doors (including entry doors and other external doors) must be provided in accordance with AS 4299.	Compliance is readily achievable. Door hardware to be nominated at detailed design stage.	CoC
<b>13 Ancillary items</b> Switches and power points must be provided in accordance with AS 4299.	Compliance is readily achievable. Location of GPOs to be nominated at detailed design stage.	CoC
<b>14 Application of standards in this Part</b> The standards set out in this Part apply in addition to the standards set out in Part 1 to any seniors housing consisting of self-contained dwellings.		
<b>15 Living room and dining room</b> (1) A living room in a self-contained dwelling must have: (a) a circulation space in accordance with clause 4.7.1 of AS 4299, and (b) a telephone adjacent to a general power outlet. (2) A living room and dining room must have wiring to allow a potential illumination level of at least 300 lux.	Compliance is readily achievable. Location of telephone and illumination level to be nominated at detailed design stage.	CoC
<b>16 Kitchen</b> A kitchen in a self-contained dwelling must have: (a) a circulation space in accordance with clause 4.5.2 of AS 4299, and (b) a circulation space at door approaches that complies with AS 1428.1, and (c) the following fittings in accordance with the relevant subclauses of clause 4.5 of AS 4299: (i) benches that include at least one work surface at least 800 millimetres in length that comply with clause 4.5.5 (a), (ii) a tap set (see clause 4.5.6), (iii) cooktops (see clause 4.5.7), except that an isolating switch must be included, (iv) an oven (see clause 4.5.8), and (d) "D" pull cupboard handles that are located towards the top of below-bench	Compliance is readily achievable. Configuration of kitchen to be determined at detailed design stage.	CoC

cupboards and towards the bottom of overhead cupboards, and (e) general power outlets: (i) at least one of which is a double general power outlet within 300 millimetres of the front of a work surface, and (ii) one of which is provided for a refrigerator in such a position as to be easily accessible after the refrigerator is installed.		
<b>17 Access to kitchen, main bedroom, bathroom and toilet</b> In a multi-storey self-contained dwelling, the kitchen, main bedroom, bathroom and toilet must be located on the entry level.	Compliance is readily achievable.	CoC
<b>18 Lifts in multi-storey buildings</b> In a multi-storey building containing separate self-contained dwellings on different storeys, lift access must be provided to dwellings above the ground level of the building by way of a lift complying with clause E3.6 of the <i>Building Code of Australia</i> .	Compliance is readily achievable.	CoC
<b>19 Laundry</b> A self-contained dwelling must have a laundry that has: (a) a circulation space at door approaches that complies with AS 1428.1, and (b) provision for the installation of an automatic washing machine and a clothes dryer, and (c) a clear space in front of appliances of at least 1,300 millimetres, and (d) a slip-resistant floor surface, and (e) an accessible path of travel to any clothes line provided in relation to the dwelling.	Compliance is readily achievable.	CoC
<b>20 Storage for linen</b> A self-contained dwelling must be provided with a linen storage in accordance with clause 4.11.5 of AS 4299.	Compliance is readily achievable with minor design development and/or specification at the Detailed Design Stage	CoC
<b>21 Garbage</b> A garbage storage area must be provided in an accessible location.	Compliance is readily achievable.	CoC

## 4.0 ACCESSIBILITY COMPLIANCE STATEMENT

This report has provided a review of the relevant project design documentation to determine the compliance status of the proposed development against Part D3, Part E3.6 and Part F2.4 'deemed-to-satisfy' (DtS) provisions of the Building Code of Australia 2019 (BCA).

A review has also been provided to identify the compliance statues of the design with SEPP (Housing for Seniors or People with a Disability) 2004, Schedule 3 – Standards concerning accessibility and useability for hostels and self-contained dwellings.

Following this review and the adoption of the recommendations proposed, ABE Consulting are able to confirm that at the Development Application Phase of design, the development can readily achieve compliance with the documentation referenced within the reports scope.

## 5.0 REVIEW PROVIDED BY

Prepared by:



**Sam Freeman**

Accessibility Consultant

Reviewed by:



**Abe Strbik**

Director

Member - Association of Consultants in Access  
Australia # 405

### DISCLAIMER

This document has been prepared solely for the use of our client in accordance with our current professional standards and as per our agreement for providing compliance consulting services. Although all due care has been taken in the preparation of this document, no warranty is given, nor liability accepted (except that required by law) in relation to the information contained within this document. This document represents the opinions of ABE Consulting based on the facts and matters known at the time of preparation of this document. Opinions, judgments and recommendations detailed in this document, which are based on our understanding and interpretation of current statutory and regulatory obligations and standards, should not be construed as legal opinions.

## 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 at [transportnsw.info](https://transportnsw.info)

## Real-time planning


You can plan your trip with real-time information using the Trip Planner or Departures at [transportnsw.info](https://transportnsw.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 [transportnsw.info/apps](https://transportnsw.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, the Central Coast, the Hunter and the Illawarra.

## Which Opal card is right for you?

**Adult** – Customers 16 years or older 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 [transportnsw.info/opal](https://transportnsw.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 [transportnsw.info/opal](https://transportnsw.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 weekend travel caps, and a \$2 transfer discount when you change between metro/train, ferry, bus and light rail services within 60 minutes. Adult Opal fare pricing applies.

Find out more at [transportnsw.info/contactless](https://transportnsw.info/contactless)

## Explanation of definitions and symbols



Wheelchair Accessible

1935

On School days only trip diverts via St. Josephs Narrabeen

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# Frenchs Forest to Bayview Garden Village

B

Valid from: 12 July 2021

Creation date: 23 Sept 2021

NOTE: Information is correct on date of download.

Monday to Friday										
Forestway Shopping Centre, Forest Way, Frenchs Forest	-	-	-	07:21	-	08:26	-	09:21	10:21	
Northern Beaches Hospital, Frenchs Forest Rd, Frenchs Forest	-	-	-	07:25	-	08:30	-	09:25	10:25	
Narrabeen Shops, Pittwater Rd, Narrabeen	05:39	06:39	07:09	07:39	08:14	08:44	09:09	09:39	10:39	
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	05:44	06:45	07:15	07:45	08:20	08:50	09:15	09:45	10:45	
Coronation St near Mona Vale Hospital, Mona Vale	05:48	06:49	07:19	07:49	08:24	08:54	09:19	09:49	10:49	
Pittwater Rd opp Village Park, Mona Vale	05:50	06:51	07:21	07:51	08:26	08:56	09:21	09:51	10:51	
Waratah St near Bungan St, Mona Vale	-	06:54	-	07:54	-	08:59	-	09:54	10:54	
Annam Rd before Cabbage Tree Rd, Bayview	-	07:02	-	08:02	-	09:07	-	10:02	11:02	

Monday to Friday										
Forestway Shopping Centre, Forest Way, Frenchs Forest	11:21	12:21	13:21	14:21	15:21	-	16:21	-	17:21	
Northern Beaches Hospital, Frenchs Forest Rd, Frenchs Forest	11:25	12:25	13:25	14:25	15:25	-	16:25	-	17:25	
Narrabeen Shops, Pittwater Rd, Narrabeen	11:39	12:39	13:39	14:39	15:39	16:09	16:39	17:09	17:39	
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	11:45	12:45	13:45	14:45	15:45	16:15	16:45	17:15	17:45	
Coronation St near Mona Vale Hospital, Mona Vale	11:49	12:49	13:49	14:49	15:49	16:19	16:49	17:19	17:49	
Pittwater Rd opp Village Park, Mona Vale	11:51	12:51	13:51	14:51	15:51	16:21	16:51	17:21	17:51	
Waratah St near Bungan St, Mona Vale	11:54	12:54	13:54	14:54	15:54	-	16:54	-	17:54	
Annam Rd before Cabbage Tree Rd, Bayview	12:02	13:02	14:02	15:02	16:02	-	17:02	-	18:02	

Monday to Friday										
Forestway Shopping Centre, Forest Way, Frenchs Forest	-	18:21	-	19:21	-	20:21	-	-	-	
Northern Beaches Hospital, Frenchs Forest Rd, Frenchs Forest	-	18:25	-	19:24	-	20:24	-	-	-	
Narrabeen Shops, Pittwater Rd, Narrabeen	18:09	18:37	19:06	19:36	20:06	20:36	21:06	22:06	23:06	
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	18:15	18:42	19:11	19:41	20:11	20:41	21:11	22:11	23:11	
Coronation St near Mona Vale Hospital, Mona Vale	18:19	18:46	19:15	19:45	20:15	20:45	21:15	22:15	23:15	
Pittwater Rd opp Village Park, Mona Vale	18:21	18:48	19:17	19:47	20:17	20:47	21:17	22:17	23:17	
Waratah St near Bungan St, Mona Vale	-	18:50	-	19:49	-	20:49	-	-	-	
Annam Rd before Cabbage Tree Rd, Bayview	-	18:56	-	19:55	-	20:55	-	-	-	

Monday to Friday		
Narrabeen Shops, Pittwater Rd, Narrabeen	00:06	01:06
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	00:11	01:11
Coronation St near Mona Vale Hospital, Mona Vale	00:15	01:15
Pittwater Rd opp Village Park, Mona Vale	00:17	01:17



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# Frenchs Forest to Bayview Garden Village

B

## Saturday

Forestway Shopping Centre, Forest Way, Frenchs Forest	-	07:24	08:24	09:22	10:22	11:21	12:21	13:21	14:21
Northern Beaches Hospital, Frenchs Forest Rd, Frenchs Forest	-	07:27	08:27	09:25	10:25	11:25	12:25	13:25	14:25
Narrabeen Shops, Pittwater Rd, Narrabeen	06:39	07:39	08:39	09:39	10:39	11:39	12:39	13:39	14:39
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	06:44	07:44	08:44	09:45	10:45	11:45	12:45	13:45	14:45
Coronation St near Mona Vale Hospital, Mona Vale	06:48	07:48	08:48	09:49	10:49	11:49	12:49	13:49	14:49
Pittwater Rd opp Village Park, Mona Vale	06:50	07:50	08:50	09:51	10:51	11:51	12:51	13:51	14:51
Waratah St near Bungan St, Mona Vale	-	07:52	08:53	09:54	10:54	11:54	12:54	13:54	14:54
Annam Rd before Cabbage Tree Rd, Bayview	-	07:59	09:00	10:01	11:01	12:02	13:02	14:02	15:02

## Saturday

Forestway Shopping Centre, Forest Way, Frenchs Forest	15:21	16:21	17:22	18:22	19:24	20:24	-	-	-
Northern Beaches Hospital, Frenchs Forest Rd, Frenchs Forest	15:25	16:25	17:25	18:25	19:27	20:27	-	-	-
Narrabeen Shops, Pittwater Rd, Narrabeen	15:39	16:39	17:39	18:38	19:39	20:39	21:06	22:06	23:06
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	15:45	16:45	17:44	18:43	19:44	20:44	21:11	22:11	23:11
Coronation St near Mona Vale Hospital, Mona Vale	15:49	16:49	17:48	18:47	19:48	20:48	21:15	22:15	23:15
Pittwater Rd opp Village Park, Mona Vale	15:51	16:51	17:50	18:49	19:50	20:50	21:17	22:17	23:17
Waratah St near Bungan St, Mona Vale	15:54	16:54	17:53	18:51	19:52	-	-	-	-
Annam Rd before Cabbage Tree Rd, Bayview	16:02	17:02	18:01	18:57	19:58	-	-	-	-

## Saturday

Narrabeen Shops, Pittwater Rd, Narrabeen	00:06	01:06
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	00:11	01:11
Coronation St near Mona Vale Hospital, Mona Vale	00:15	01:15
Pittwater Rd opp Village Park, Mona Vale	00:17	01:17

## Sunday & Public Holidays

Forestway Shopping Centre, Forest Way, Frenchs Forest	-	07:24	08:24	09:22	10:22	11:22	12:21	13:21	14:21
Northern Beaches Hospital, Frenchs Forest Rd, Frenchs Forest	-	07:27	08:27	09:25	10:25	11:25	12:25	13:25	14:25
Narrabeen Shops, Pittwater Rd, Narrabeen	06:39	07:39	08:41	09:39	10:39	11:39	12:39	13:39	14:39
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	06:44	07:44	08:47	09:45	10:45	11:45	12:45	13:45	14:45
Coronation St near Mona Vale Hospital, Mona Vale	06:48	07:48	08:51	09:49	10:49	11:49	12:49	13:49	14:49
Pittwater Rd opp Village Park, Mona Vale	06:50	07:50	08:53	09:51	10:51	11:51	12:51	13:51	14:51
Waratah St near Bungan St, Mona Vale	-	07:52	08:56	09:54	10:54	11:54	12:54	13:54	14:54
Annam Rd before Cabbage Tree Rd, Bayview	-	07:58	09:02	10:00	11:00	12:02	13:02	14:02	15:02

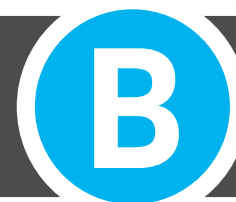
## Sunday & Public Holidays

Forestway Shopping Centre, Forest Way, Frenchs Forest	15:21	16:21	17:21	18:22	19:24	20:24	-	-	-
Northern Beaches Hospital, Frenchs Forest Rd, Frenchs Forest	15:25	16:25	17:25	18:25	19:27	20:27	-	-	-
Narrabeen Shops, Pittwater Rd, Narrabeen	15:39	16:39	17:39	18:37	19:39	20:39	21:06	22:06	23:06
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	15:45	16:45	17:45	18:42	19:44	20:44	21:11	22:11	23:11
Coronation St near Mona Vale Hospital, Mona Vale	15:49	16:49	17:49	18:46	19:48	20:48	21:15	22:15	23:15
Pittwater Rd opp Village Park, Mona Vale	15:51	16:51	17:51	18:48	19:50	20:50	21:17	22:17	23:17
Waratah St near Bungan St, Mona Vale	15:54	16:54	17:54	18:50	19:52	-	-	-	-
Annam Rd before Cabbage Tree Rd, Bayview	16:02	17:02	18:02	18:56	19:58	-	-	-	-



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# Frenchs Forest to Bayview Garden Village



## Sunday & Public Holidays

Narrabeen Shops, Pittwater Rd, Narrabeen	00:06	01:06
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	00:11	01:11
Coronation St near Mona Vale Hospital, Mona Vale	00:15	01:15
Pittwater Rd opp Village Park, Mona Vale	00:17	01:17

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# Bayview Garden Village to Frenchs Forest

B

Monday to Friday									
Service Information									
Annam Rd after Cabbage Tree Rd, Bayview	-	-	06:10	-	-	07:09	-	-	08:08
Waratah St near Bungan St, Mona Vale	-	-	06:17	-	-	07:16	-	-	08:16
Pittwater Place Shopping Centre, Park St, Mona Vale	-	-	06:18	-	-	07:18	-	-	08:18
Barrenjoey Rd opp Village Park, Mona Vale	05:40	06:00	06:20	06:40	07:00	07:20	07:40	08:00	08:20
Coronation St near Mona Vale Hospital, Mona Vale	05:42	06:02	06:22	06:43	07:03	07:23	07:43	08:03	08:23
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	05:47	06:07	06:27	06:48	07:08	07:28	07:48	08:08	08:29
St Josephs Church, Lagoon St, Narrabeen	-	-	-	-	-	-	-	-	08:32
Waterloo St before Pittwater Rd, Narrabeen	05:51	06:11	06:32	06:53	07:13	07:34	07:54	08:14	08:34
Northern Beaches Hospital, Frenchs Forest Rd, Frenchs Forest	-	-	06:45	-	-	07:47	-	-	08:47
Rabbett St at Forest Way, Frenchs Forest	-	-	06:48	-	-	07:50	-	-	08:50
Monday to Friday									
Annam Rd after Cabbage Tree Rd, Bayview	-	-	09:30	10:30	11:30	12:30	13:30	14:30	-
Waratah St near Bungan St, Mona Vale	-	-	09:38	10:38	11:38	12:38	13:38	14:38	-
Pittwater Place Shopping Centre, Park St, Mona Vale	-	-	09:40	10:40	11:40	12:40	13:40	14:40	-
Barrenjoey Rd opp Village Park, Mona Vale	08:42	09:12	09:42	10:42	11:42	12:42	13:42	14:42	15:12
Coronation St near Mona Vale Hospital, Mona Vale	08:45	09:15	09:45	10:45	11:45	12:45	13:45	14:45	15:15
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	08:50	09:20	09:50	10:50	11:50	12:50	13:50	14:50	15:20
Waterloo St before Pittwater Rd, Narrabeen	08:56	09:26	09:56	10:56	11:56	12:56	13:56	14:56	15:26
Northern Beaches Hospital, Frenchs Forest Rd, Frenchs Forest	-	-	10:09	11:09	12:09	13:09	14:09	15:09	-
Rabbett St at Forest Way, Frenchs Forest	-	-	10:12	11:12	12:12	13:12	14:12	15:12	-
Monday to Friday									
Annam Rd after Cabbage Tree Rd, Bayview	15:30	-	16:30	-	17:31	-	18:34	-	19:35
Waratah St near Bungan St, Mona Vale	15:38	-	16:38	-	17:38	-	18:41	-	19:42
Pittwater Place Shopping Centre, Park St, Mona Vale	15:40	-	16:40	-	17:40	-	18:43	-	19:43
Barrenjoey Rd opp Village Park, Mona Vale	15:42	16:12	16:42	17:12	17:42	18:13	18:45	19:15	19:45
Coronation St near Mona Vale Hospital, Mona Vale	15:45	16:15	16:45	17:15	17:45	18:16	18:47	19:17	19:47
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	15:50	16:20	16:50	17:20	17:50	18:21	18:52	19:22	19:52
Waterloo St before Pittwater Rd, Narrabeen	15:56	16:26	16:55	17:25	17:55	18:26	18:56	19:26	19:56
Northern Beaches Hospital, Frenchs Forest Rd, Frenchs Forest	16:09	-	17:08	-	18:08	-	19:08	-	20:08
Rabbett St at Forest Way, Frenchs Forest	16:12	-	17:11	-	18:11	-	19:11	-	20:11
Monday to Friday									
Barrenjoey Rd opp Village Park, Mona Vale	20:45	21:45	22:45	23:45	00:45				
Coronation St near Mona Vale Hospital, Mona Vale	20:47	21:47	22:47	23:47	00:47				
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	20:52	21:52	22:52	23:52	00:52				
Waterloo St before Pittwater Rd, Narrabeen	20:56	21:56	22:56	23:56	00:56				

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# Bayview Garden Village to Frenchs Forest

B

Saturday									
Annam Rd after Cabbage Tree Rd, Bayview	-	-	-	08:29	09:29	10:29	11:29	12:29	13:29
Waratah St near Bungan St, Mona Vale	-	-	-	08:37	09:37	10:37	11:37	12:37	13:37
Pittwater Place Shopping Centre, Park St, Mona Vale	-	-	-	08:39	09:39	10:39	11:39	12:39	13:39
Barrenjoey Rd opp Village Park, Mona Vale	05:40	06:45	07:45	08:42	09:42	10:42	11:42	12:42	13:42
Coronation St near Mona Vale Hospital, Mona Vale	05:42	06:47	07:47	08:45	09:45	10:45	11:45	12:45	13:45
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	05:47	06:52	07:52	08:50	09:50	10:50	11:50	12:50	13:50
Waterloo St before Pittwater Rd, Narrabeen	05:51	06:56	07:56	08:56	09:56	10:56	11:56	12:56	13:56
Northern Beaches Hospital, Frenchs Forest Rd, Frenchs Forest	-	07:08	08:09	09:09	10:09	11:09	12:09	13:09	14:09
Rabbett St at Forest Way, Frenchs Forest	-	07:11	08:12	09:12	10:12	11:12	12:12	13:12	14:12

Saturday									
Annam Rd after Cabbage Tree Rd, Bayview	14:29	15:29	16:29	17:29	18:29	19:29	-	-	-
Waratah St near Bungan St, Mona Vale	14:37	15:37	16:37	17:37	18:37	19:37	-	-	-
Pittwater Place Shopping Centre, Park St, Mona Vale	14:39	15:39	16:39	17:39	18:39	19:39	-	-	-
Barrenjoey Rd opp Village Park, Mona Vale	14:42	15:42	16:42	17:42	18:42	19:42	20:45	21:45	22:45
Coronation St near Mona Vale Hospital, Mona Vale	14:45	15:45	16:45	17:45	18:45	19:45	20:47	21:47	22:47
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	14:50	15:50	16:50	17:50	18:50	19:50	20:52	21:52	22:52
Waterloo St before Pittwater Rd, Narrabeen	14:56	15:56	16:56	17:56	18:56	19:56	20:56	21:56	22:56
Northern Beaches Hospital, Frenchs Forest Rd, Frenchs Forest	15:09	16:09	17:09	18:09	19:09	20:09	-	-	-
Rabbett St at Forest Way, Frenchs Forest	15:12	16:12	17:12	18:12	19:12	20:12	-	-	-

Saturday		
Barrenjoey Rd opp Village Park, Mona Vale	23:45	00:45
Coronation St near Mona Vale Hospital, Mona Vale	23:47	00:47
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	23:52	00:52
Waterloo St before Pittwater Rd, Narrabeen	23:56	00:56

Sunday & Public Holidays									
Annam Rd after Cabbage Tree Rd, Bayview	-	-	-	08:29	09:29	10:29	11:29	12:29	13:29
Waratah St near Bungan St, Mona Vale	-	-	-	08:36	09:37	10:37	11:37	12:37	13:37
Pittwater Place Shopping Centre, Park St, Mona Vale	-	-	-	08:37	09:39	10:39	11:39	12:39	13:39
Barrenjoey Rd opp Village Park, Mona Vale	05:40	06:45	07:45	08:39	09:42	10:42	11:42	12:42	13:42
Coronation St near Mona Vale Hospital, Mona Vale	05:42	06:47	07:47	08:41	09:45	10:45	11:45	12:45	13:45
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	05:47	06:52	07:52	08:46	09:50	10:50	11:50	12:50	13:50
Waterloo St before Pittwater Rd, Narrabeen	05:51	06:56	07:56	08:50	09:56	10:56	11:56	12:56	13:56
Northern Beaches Hospital, Frenchs Forest Rd, Frenchs Forest	-	07:08	08:08	09:02	10:09	11:09	12:09	13:09	14:09
Rabbett St at Forest Way, Frenchs Forest	-	07:11	08:11	09:05	10:12	11:12	12:12	13:12	14:12

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# Bayview Garden Village to Frenchs Forest

B

## Sunday & Public Holidays

Annam Rd after Cabbage Tree Rd, Bayview	14:29	15:29	16:29	17:29	18:29	19:29	-	-	-	-
Waratah St near Bungan St, Mona Vale	14:37	15:37	16:37	17:37	18:36	19:36	-	-	-	-
Pittwater Place Shopping Centre, Park St, Mona Vale	14:39	15:39	16:39	17:39	18:37	19:37	-	-	-	-
Barrenjoey Rd opp Village Park, Mona Vale	14:42	15:42	16:42	17:42	18:39	19:39	20:45	21:45	22:45	-
Coronation St near Mona Vale Hospital, Mona Vale	14:45	15:45	16:45	17:45	18:41	19:41	20:47	21:47	22:47	-
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	14:50	15:50	16:50	17:50	18:46	19:46	20:52	21:52	22:52	-
Waterloo St before Pittwater Rd, Narrabeen	14:56	15:56	16:56	17:56	18:50	19:50	20:56	21:56	22:56	-
Northern Beaches Hospital, Frenchs Forest Rd, Frenchs Forest	15:09	16:09	17:09	18:09	19:02	20:02	-	-	-	-
Rabbett St at Forest Way, Frenchs Forest	15:12	16:12	17:12	18:12	19:05	20:05	-	-	-	-

## Sunday & Public Holidays

Barrenjoey Rd opp Village Park, Mona Vale	23:45	00:45
Coronation St near Mona Vale Hospital, Mona Vale	23:47	00:47
North Narrabeen Rockpool, Narrabeen Park Pde, North Narrabeen	23:52	00:52
Waterloo St before Pittwater Rd, Narrabeen	23:56	00:56

# Routes 155, 156, 182, 185

B

## Legend

- Bus route
- Diversion/extended route
- 155 Bus route number
- Bus route start/finish
- Ferry route/wharf
- Diagrammatic Map Not to Scale
- North

