



Morris Goding
Access Consulting

Fresh Hope Care

Residential Aged Care Facility
7 Martin Close &
42 Stronach Avenue,
East Maitland,
NSW 2323

**Access Review –
Final v3**

18th June 2020



REPORT REVISIONS		
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18.06.20	Final v3	DA drawing set – Issued for DA (A - 16.06.20) Prepared by Calderflower Architecture

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1. Executive Summary

The Access Review Report is a key element in the design development of the Residential Aged Care Facility located at 7 Martin Close, East Maitland, NSW, 2323, and an appropriate response to the AS1428 series, Building Code of Australia (BCA), DDA Access to Premises Standards (including DDA Access Code) and ultimately the Commonwealth Disability Discrimination Act (DDA).

Morris Goding Access Consulting has prepared the Access Report to provide advice and strategies to maximise reasonable provisions of access for people with disabilities.

The review will ensure that ingress and egress, paths of travel, circulation areas, and sanitary facilities comply with relevant statutory guidelines, and in addition, compliance with a higher level of accessibility and inclusiveness benchmarks set by the project.

2. Introduction

2.1 Background

Icon Project Management has engaged Morris Goding Access Consulting, to provide a design review of Residential Aged Care Facility located at 7 Martin Close, East Maitland, NSW, 2323. The development is a Residential Aged Care Facility.

The proposed development falls under a number of BCA classifications:

- Class 9c (An aged care building + ancillary facilities)
- Class 7a (Carparking)

The requirements of the investigation are to:

- Review supplied drawings of the proposed development;
- Provide a report that will analyse the provisions of disability design of the development, and
- Recommend solutions that will ensure the design complies with the Disability Discrimination Act (DDA), Building Code of Australia (BCA), relevant Australian Standards, and enhanced benchmark requirements set by the project.

2.2 Objectives

The Report seeks to ensure compliance with statutory requirements and enhanced benchmark requirements set by the project. The Report considers user groups, who include students, staff, and members of the public. The Report attempts to deliver equality, independence and functionality to people with a disability inclusive of:

- People with a mobility impairment (ambulant and wheelchair);
- People with a sensory impairment (hearing and vision); and
- People with a dexterity impairment

The Report seeks to provide compliance the Disability Discrimination Act 1992. In doing so, the report attempts to eliminate, as far as possible, discrimination against persons on the ground of disability.

2.3 Limitations

This report is limited to the accessibility provisions of the building in general. It does not provide comment on detailed design issues, such as: internals of accessible/ambulant toilet, fit-out, lift specification, slip resistant floor finishes, door schedules, hardware and controls, glazing, luminance contrast, stair nosing, TGSIs, handrail design, signage etc. that will be included in construction documentation.



2.4 Accessibility of Design

The proposed design will utilise the Federal Disability Discrimination Act (DDA), Disability (Access to Premises – Buildings) Standards 2010, BCA/DDA Access Code, Universal Design principles, the AS 1428 Series, and other design guidelines, to develop appropriate design documentation, to provide reasonable access provisions for people with disabilities.

The design will be developed to ensure the principles of the DDA are upheld. Under the DDA, it is unlawful to discriminate against people with disabilities in the provision of appropriate access, where the approach or access to and within a premise, makes it impossible or unreasonably difficult for people with disabilities to make use of a particular service or amenity.

2.5 Statutory Requirements

The statutory and regulatory guidelines to be encompassed in the developed design to ensure effective, appropriate and safe use by all people including those with disabilities will be in accordance with:

- Federal Disability Discrimination Act (DDA);
- Disability (Access to Premises – Buildings) Standards 2010;
- Building Code of Australia (BCA) Part D3, F2, E3;
- AS 1428.1:2009 - (General Requirement for Access);
- AS 1428.4.1:2009 - (Tactile Ground Surface Indicators);
- AS 2890.6:2009 - (Parking for People with Disabilities);
- AS 1735.12:1999 - (Lift Facilities for Persons with Disabilities);

Please note that there are also additional advisory standards (not currently referenced by BCA or DDA Premises Standards) as well as other relevant guidelines that will be considered, as relevant to promote equity and dignity in line with over-arching DDA principles and aspirational objectives. These include:

- Universal Design Principles;
- Human Rights Commission (HEREOC)
- Advisory Note February 2013 on streetscape, public, outdoor areas, fixtures, fittings and furniture;
- AS1428.2:1992 Enhanced and Additional requirements;
- AS1428.4.1 Draft Way-finding Standard;
- AS3745:2010 – Planning for Emergencies in Facilities (to assist with design strategies for provision for escape for people with disability that may require assistance).

3. General Access Planning Considerations

The Disability Discrimination Act 1992 (DDA) is a legislative law that protects the rights of all people. The Act makes disability discrimination unlawful and promotes equal rights, equal opportunity and equal access for people with disabilities. The Australian Human Right Commission is the governing body who control and enforce DDA compliance.

Nevertheless, building elements that provide insufficient accessible provisions for people with disabilities remain subject to the DDA. The improvement of non-compliant building elements and areas to meet current access requirements will mitigate the risk of a DDA complaint be made against the building owner.

Since the 1st May 2011, the Commonwealth's Disability (Access to Premises – Buildings) Standards 2010 (DDA Premises Standards) apply to all new building works and to affected parts of existing buildings.

The DDA Premises Standards' requirements (DDA Access Code) are mirrored in the access provisions of the BCA. New building work and affected parts must comply with the DDA Premises Standards and AS1428.1-2009 in the same manner as they would comply with the BCA by meeting deemed-to-satisfy provisions or by adopting an alternative solution that achieves the relevant performance requirements.

By utilizing AS 1428 suite of Standards, the overall aim is to provide continuous accessible paths of travel to connect the proposed development to and through public domain areas and between associated accessible buildings in accordance with the DDA Access Code.

MGAC supports the use and consideration of universal design (UD) principles into the design to maximize access for all people. We will assist the design team to incorporate UD principles where possible within the project, while still meeting mandatory compliance requirements.

Universal design principles consider the needs of a broad range of people including older people, families with children and pushing prams, people from other cultures and language groups, visitors in transit and people with disability. By considering the diversity of users, the design will embed access into and within it, so that benefits can be maximized, without adding on specialized 'accessible' features that can be costly, visually unappealing and may perpetuate exclusion and potential stigma.

The seven key Universal design principles to consider in the on-going design include:

- Principle 1: Equitable Use
- Principle 2: Flexibility in Use
- Principle 3: Simple and Intuitive Use
- Principle 4: Perceptible Information
- Principle 5: Tolerance for Error
- Principle 6: Low Physical Effort
- Principle 7: Size and Space for Approach and use



4. Site Topography & Linkages

4.1 Location and access to facilities – (SEPP 2004 Part 2, Sub-clauses 26(1) and (2))

(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:

(c) in the case of a proposed development on land in a local government area is not 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 the distance is accessible by means of a suitable access pathway, and

(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

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

Assessment

The site is located in the town of East Maitland, which is located outside the Sydney Statistical Division.

The project proposes to have a residential aged care facility within East Maitland. East Maitland has a shopping centre (Stockland Green Hills Shopping Centre) community services, recreational facilities, and medical institutions (Zion Medical Centre) that is in close proximity to the facility. It is noted that while the centre is only 200m away, the physical distance required for travel from the entrance of the proposed facility and the pedestrian entrance of the shopping centre is approximately 500m.

However, this proposal will be able to achieve compliance with clause 26 (2c) by utilising local bus services. A study of the local public transport services show that the Hunter Buses Network



route 181 from Rutherford to Woodberry via Aberglasslyn, Maitland, Stockland Green Hills & Beresfield (timetable attached in Appendix A) provides bus services between the bus stop closest to the proposed residential aged care facility and the bus stop serving Stockland Green Hills Shopping Centre. This route runs hourly on weekdays and on Saturdays and every 2 hours on Sundays.

The bus stop picking up from Stronach Ave at The Boulevard CI is approximately 230m from the proposed residential aged care development, satisfying the proximity requirements of SEPP Seniors Clause 26 subclause (1) and subclause (2).

Stronach Ave has an existing pedestrian crossing along the path of travel to the bus stops that can be utilised to access both inbound and outbound bus routes. In addition, the gradients measured within survey plan 16355-1 dated 28/5/2020 (plan attached in Appendix A) show that the pedestrian footpath is suitable and complies with the requirements of SEPP Seniors Clause 26 subclause (3).

5. Ingress & Egress

5.1 External Linkages

The BCA and DDA Premises Standards contain requirements for site approaches for the use of persons with disabilities. These requirements can be summarised as follows:

- An accessible path of travel from main pedestrian entry points at the site allotment boundary to all building entrances compliant with AS1428.1:2009.

Assessment

MGAC has reviewed the drawings and documentation in relation to the aforementioned requirements.

On the basis of the current level of detail all access requirements appear capable of achieving compliance. Further work will be required during design development stage to ensure appropriate outcomes are achieved.

5.2 Entrances

The BCA and DDA Premises Standards contain requirements for building entry for the use of persons with disabilities. These re can be summarised as follows:

- A non-accessible entry located no more than 50m distance from an accessible entry (for buildings greater than 500m²).
- All accessible doors with 850mm min. clear width opening and suitable door circulation area, compliant with AS1428.1:2009.

Assessment

MGAC has reviewed the drawings and documentation in relation to the aforementioned requirements.

On the basis of the current level of detail all access requirements appear capable of achieving complianc. Further work will be required during design development stage to ensure appropriate outcomes are achieved.



5.3 Emergency Egress

BCA 2016 Part D2.17 has requirements for all fire-isolated egress stairs from areas required to be accessible (not communication stairs) to include at least one continuous handrail designed to be compliant with AS1428.1 Clause 12. Provision of an off-set tread at the base of stair flights or an extended mid-landing that will allow a 300mm extension clear of egress route is considered appropriate for achieving a consistent height handrail (without vertical or raked sections). Such an off-set tread configuration has been shown at the majority of stairs and would appear to be possible elsewhere, subject to further detail design.

Where fire-isolated egress stairs will also be used for communication stair purposes between levels, they should be designed to meet AS1428.1:2009. Confirmation is required on the likely use of certain stairs for this purpose.

There is currently no mandatory requirement within BCA or DDA Premises Standards for provision of independent accessible egress for people with a disability in accordance AS1428.1 and this remains an important DDA issue. Consideration of an accessible egress strategy with emergency evacuation plan will be needed as a minimum starting point.

Consideration of management systems and fire wardens for emergency egress for people with disabilities.

Assessment

MGAC has reviewed the drawings and documentation in relation to the aforementioned requirements.

As confirmed in a supporting letter, the fire-isolated stairs nominated by the design team is rather an open stair in lieu of a fire isolated stair. MGAC will be able to provide a Performance Solution at a later stage. The Performance Solution will conclude that the stair functions as an egress stair for the purposes of emergency egress only.

Further work will be required during design development stage to ensure appropriate outcomes are achieved.

6. Paths of Travel

6.1 Circulation Areas

The BCA and DDA Premises Standards contain requirements for circulation areas for the use of persons with disabilities. These requirements can be summarised as follows:

- Turning spaces (at least 1540mm W x 2070mm L) within 2m of every corridor end and at 20m.max intervals along all access-ways. This is needed for wheelchairs to make a 180-degree turn, compliant with AS1428.1:2009.
- All common-use doors (i.e. not excluded under Part D3.4) with 850mm min. clear width opening (each active door leaf) and suitable door circulation area, compliant with AS1428.1:2009.

Assessment

MGAC has reviewed the drawings and documentation in relation to the aforementioned requirements.

On the basis of the current level of detail all access requirements appear capable of achieving compliance. Further work will be required during design development stage to ensure appropriate outcomes are achieved.

MGAC have also determined that a possible performance solution is applicable under BCA D2.17 regarding limited handrails at both sides of every passageway or corridor used by residents due to the nature of the contemporary building design and level of care.

6.2 Passenger Lifts

The BCA and DDA Premises Standards contain requirements for passenger lifts and circulation areas for the use of persons with disabilities. These requirements can be summarised as follows:

- Passenger lifts with min. internal size at floor of 1400mm width x 1600mm depth, compliant with BCA/DDA Access Code Part E3.6 and AS1735.12.
- All lift lobbies and main corridors on each level with 1800mm min. clear width to allow two wheelchairs ability to space pass each other.

Assessment

MGAC has reviewed the drawings and documentation in relation to the aforementioned requirements.

On the basis of the current level of detail all access requirements appear capable of achieving compliance. Further work will be required during design development stage to ensure appropriate outcomes are achieved.

6.3 Stairs & Ramps

The BCA and DDA Premises Standards contain requirements for stairs and ramps for the use of persons with disabilities. These requirements can be summarised as follows:

- Ramps maximum 1:14 gradient with landings at no more than 9 metre intervals
- Ramps with handrails on both sides with minimum 1 metre clearance in accordance with AS1428.1
- Landings 1200mm length with 1500mm length at 90 degree turns
- Stairs handrails on both sides in accordance with AS1428.1
- Stairs and ramps with offset to ensure no encroachment of handrail extensions into from transverse path of travel at top and bottom of stair/ramp

Assessment

MGAC has reviewed the drawings and documentation in relation to the aforementioned requirements.

Based on the current level of detail all access requirements appear capable of achieving compliance. Further work will be required during design development stage to ensure appropriate outcomes are achieved.

7. Accessible Sole Occupancy Unit

7.1 Accessible SOU Provision

The BCA and DDA Premises Standards contain requirements for accessible SOUs for the use of persons with disabilities. These requirements can be summarised as follows:

The following requirements are to be satisfied in the provision of adaptable units

- A total of 8 accessible units based on DDA Premises Standards
- The accessible units are designed in accordance with AS1428.1.
- The accessible units to be representative of the range of rooms available.

Assessment

A total of 168 dwellings have been proposed throughout the development. There are 5 apartments designed to be accessible in accordance with AS1428.1. The 5x accessible units are marked-up in green. However, this does not satisfy the DDA Premises Standards.

The building requires 8 accessible units in accordance with BCA Table D3.1. However, it is to be noted that MGAC can justify 5 sole occupancy units under a performance solution.

Based on the current level of detail all access requirements appear capable of achieving compliance. Further work will be required during design development stage to ensure appropriate outcomes are achieved.

7.2 Accessible SOU Design

The BCA and DDA Premises Standards contain requirements for accessible SOUs for the use of persons with disabilities. These requirements can be summarised as follows:

- The entry door of the unit achieves 850mm clear width opening (920 door leaf). Latch side clearance of 530mm needs to be achieved externally and internally of the door in accordance with AS1428.1.
- The bathroom of an adequate size to achieve an AS1428.1 compliant bathroom of shower, WC and basin with required circulation spaces. Normally 2750mm x 2350mm will satisfy the circulation area requirements.
- The bedroom with 1 metre either side of queen size bed and 1550 x 2070mm at the base of bed or similar configuration
- All doors with 850mm clear opening width from the outset and easily achievable latch side clearances at post adaptation, compliant with AS1428.1:2009.



Assessment

MGAC has reviewed the drawings and documentation in relation to the aforementioned requirements.

On the basis of the current level of detail all access requirements appear capable of achieving compliance. Further work will be required during design development stage to ensure appropriate outcomes are achieved.

8. Facilities & Amenities

8.1 Sanitary Facilities

The BCA and DDA Premises Standards contain requirements for sanitary facilities suitable for the use of persons with disabilities. These requirements can be summarised as follows:

- For Class 9c: At least 1 unisex accessible toilet, adjacent to every bank of toilets (where provided) on each storey, compliant with AS1428.1 under BCA/DDA Access Code part F2.4. If more than 1 toilet bank provided on each level, accessible toilet is required at 50% min. of toilet banks at each level.
- An even number of left hand (LH) and right hand (RH) transfer WC pans (accessible toilets) within the building. Alternating LH/RH layouts on each subsequent level is the most appropriate and inclusive approach.
- Accessible WC with 2300mm x 1900mm around the pan with the basin to sit outside this area in accordance with AS1428.1.
- An ambulant cubicle within every standard toilet bank adjacent to an accessible toilet under DDA Access Code Part F2.4 compliant with AS1428.1:2009.

Assessment

MGAC has reviewed the drawings and documentation in relation to the aforementioned requirements.

On the basis of the current level of detail all access requirements appear capable of achieving compliance subject to resolution of some minor issues in regard to internal dimensions as identified on the attached marked-up drawings.

Further work will be required during design development stage to ensure appropriate outcomes are achieved.

8.2 Common Areas

The BCA and DDA Premises Standards contain requirements for common use areas suitable for the use of persons with disabilities. These requirements can be summarised as follows:

- Accessibility to common use courtyards within buildings
- Mailboxes, garbage rooms and similar amenities within residential buildings with appropriate accessibility.
- Wheelchair access is required to any external and outdoor terrace areas including roof terraces compliant with AS1428.1.

Assessment

Accessible path of travel (inc. flush transition) is required to any external and outdoor terrace areas including roof terraces compliant with AS1428.

MGAC has reviewed the drawings and documentation in relation to the aforementioned requirements.

On the basis of the current level of detail all access requirements appear capable of achieving compliance. Further work will be required during design development stage to ensure appropriate outcomes are achieved.

8.3 Car Parking

The BCA and DDA Premises Standards contain requirements for parking which are applicable to this project. These requirements can be summarised as follows:

- Accessible car bays 2.4 metre with 2.4 metre shared area.
- All accessible car bays located near relevant lifts and/or associated building entry points to minimise distance to relevant lift and ensure accessible path of travel between these areas.
- 2.5m min. height clearance, compliant with AS2890.6 fig 2.7 over accessible car bays with 2.2 m min. vertical clearance leading to the accessible and adaptable unit car bays (Note: consideration for 2.3 or 2.4m min. height preferred for higher vans/adapted vehicles is recommended as good practice).

Assessment

MGAC has reviewed the drawings and documentation in relation to the aforementioned requirements.

On the basis of the current level of detail all access requirements appear capable of achieving compliance. Further work will be required during design development stage to ensure appropriate outcomes are achieved.



9. Conclusion

MGAC has assessed the proposed scheme for the Residential Aged Care Facility located at 7 Martin Close, East Maitland, NSW, 2323. The proposed drawings indicate that accessibility requirements, pertaining to external site linkages, building access, common area access, sanitary facilities and parking can be readily achieved. It is advised that MGAC will work with the project team as the scheme progresses to ensure appropriate outcomes are achieved in building design and external domain design.



10. Appendix A

Description of routes in this timetable

Route 177

Rutherford to Aberglasslyn

via Budgerie Drive.

Service operates daily.

Route 178

Rutherford to Anambah

via Rutherford Industrial Estate.

Service operates daily.

Route 181

Rutherford to Woodberry

via Maitland, East Maitland, Stockland Green Hills, Metford, Beresfield and Tarro.

Service operates daily.

Route 186

Rutherford to McKeachie's Run

via Aberglasslyn.

Service operates daily.

Rutherford to Anambah,
Aberglasslyn, McKeachie's Run
& Woodberry

Bus Timetable

177

178

181

186



Includes accessible services

Effective from 19 February 2017

Hunter Valley Buses - v3



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Timetables

From Rutherford towards Woodberry (Route 181)

Monday to Friday	2
Saturday	3
Sunday & Public Holidays	4

From Woodberry towards Rutherford (Route 181)

Monday to Friday	5
Saturday	6
Sunday & Public Holidays	7

Aberglasslyn loop (Route 177)

Monday to Friday	8
Saturday	8
Sunday & Public Holidays	8

Anambah loop (Route 178)

Monday to Friday	8
Saturday	8
Sunday & Public Holidays	8

McKeachie's Run loop (Route 186)

Monday to Friday	9
Saturday	9
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Your Bus timetable

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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.

We try to make sure accessible buses run as intended. If an accessible bus is not available for a scheduled route, we apologise in advance for the inconvenience.

How to use this timetable

- Go to the route map at the back of this timetable and find the two timing points your bus stop is located between.
- Then find these two timing points on the timetable.
- Your bus is scheduled to arrive between the times shown for these points.

For example

If your bus stop is located between timing points A and B on the route map, then your bus is scheduled to arrive between the times shown for A and B in the timetable. Please arrive at your bus stop around 5 minutes before your bus is scheduled.

This timetable is expressed in 24-hour time.

12 midnight to 12 midday	12 midday to 12 midnight
00:00 to 11:59	12:00 to 23:59
12.00 am = 00:00	12.00 pm = 12:00
1.00 am = 01:00	1.00 pm = 13:00
2.00 am = 02:00	2.00 pm = 14:00
3.00 am = 03:00	3.00 pm = 15:00
4.00 am = 04:00	4.00 pm = 16:00
5.00 am = 05:00	5.00 pm = 17:00
6.00 am = 06:00	6.00 pm = 18:00
7.00 am = 07:00	7.00 pm = 19:00
8.00 am = 08:00	8.00 pm = 20:00
9.00 am = 09:00	9.00 pm = 21:00
10.00 am = 10:00	10.00 pm = 22:00
11.00 am = 11:00	11.00 pm = 23:00

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- Estimated arrival times
- Service updates
- Closest stations, stops, wharves and routes
- Accessibility details.

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Is this timetable current?

We try to make sure services depart at the specified times. However, timetables may change and services may be delayed, cancelled or diverted due to circumstances beyond our control.

If you have not travelled with us for a while, you can confirm this timetable is still current by visiting transportnsw.info or calling **131 500**.

Over Christmas and the New Year, a reduced timetable may operate. If you're travelling during this time, plan your trip at transportnsw.info or call **131 500**.

Bus etiquette

Eating, drinking, smoking or playing loud music on the bus is not allowed. By law, smoking is not allowed at any bus stop, or at train stations, ferry wharves or light rail stops.

Helpful contacts

To plan your trip, get service information and make general enquiries:

Visit transportnsw.info or call **131 500**.

If you are deaf, or have a hearing or speech impairment contact us through the National Relay Service on **133 677**. For more information visit relayservice.gov.au.

Lost property offices

Visit transportnsw.info or call **131 500 NRS 133 677** to contact the operator of your service. If you still have your bus ticket, it will help identify the bus you travelled on.

Emergencies

Call Triple Zero (**000**)

Crime Stoppers






To give information that may help stop, solve or prevent criminal activity

Call **1800 333 000**

Police Assistance Line

To report thefts or other non-life threatening matters
Call **131 444**






Disclaimer: Information in this timetable is based on the latest details at the time of printing, and is subject to change without notice.

Monday to Friday									
map ref	Route Number	181	181	181	181	181	181	181	181
A	Rutherford Shops Hillview Street	M 05:54	ABM 07:20	ABM 08:35	ABM 09:50	M 10:45	ABM 11:43	M 12:43	AM 13:44
B	Maitland Hospital High Street	05:59	07:25	08:40	09:55	10:50	11:48	12:48	13:49
C	Maitland Elgin Street & High Street	06:03	07:30	08:45	10:00	10:55	11:53	12:53	13:54
E	Maitland Station Railway Street	06:05	07:32	08:47	10:02	10:57	11:55	12:55	13:56
F	High Street Station High Street	06:10	07:38	08:53	10:07	11:02	12:00	13:00	14:01
G	New England Highway & Melbourne Street	06:14	07:42	08:57	10:11	11:06	12:04	13:04	14:05
H	East Maitland Post Office	06:17	07:45	09:00	10:14	11:09	12:07	13:07	14:08
I	Victoria Street Station Victoria Street	06:19	07:47	09:02	10:16	11:11	12:09	13:09	14:10
J	Quarry Street & Fieldsend Street	06:23	07:51	09:06	10:20	11:15	12:13	13:13	14:14
K	Stockland Green Hills Mitchell Drive	06:26	07:54	09:09	10:23	11:18	12:16	13:16	14:17
L	Metford Shops	06:31	08:00	09:15	10:29	11:24	12:22	13:22	14:23
M	Metford Station McCubbin Close	06:35	08:04	09:19	10:33	11:28	12:26	13:26	14:27
N	Metford TAFE Ferraby Drive	06:38	08:07	09:22	10:36	11:31	12:29	13:29	14:30
O	Allendale Street & Yarrum Avenue	06:46	08:16	09:31	10:44	11:39	12:37	13:37	14:39
P	Tarro Eastern Avenue	06:50	08:21	09:36	10:49	11:44	12:42	13:42	14:44
Q	Beresfield Shops	06:54	08:25	09:40	10:53	11:48	12:46	13:46	14:48
R	Woodberry Lawson Avenue & Lark Street	06:56	08:27	09:42	10:55	11:50	12:48	13:48	14:50

Monday to Friday (continued...)									
map ref	Route Number	181	181	181	181	181	181	181	181
A	Rutherford Shops Hillview Street	M 14:34	H 14:59	S 15:04	AM 16:43	A 17:42	A 18:44	20:39	22:20
B	Maitland Hospital High Street	14:39	H 15:04	S 15:09	16:48	17:47	18:49	20:44	22:25
C	Maitland Elgin Street & High Street	14:44	H 15:09	S 15:14	16:53	17:52	18:53	20:48	22:29
E	Maitland Station Railway Street	14:46	H 15:13	S 15:18	16:55	17:54	18:55	20:50	22:31
F	High Street Station High Street	14:52	H 15:19	S 15:24	17:01	18:00	19:00	20:55	22:36
G	New England Highway & Melbourne Street	14:56	H 15:23	E 15:28	17:05	18:04	19:04	20:59	22:40
H	East Maitland Post Office	14:59	H 15:26	S 15:37	17:08	18:07	19:07	21:02	22:43
I	Victoria Street Station Victoria Street	15:01	H 15:28	S 15:39	17:10	18:09	19:09	21:04	22:45
J	Quarry Street & Fieldsend Street	15:05	H 15:32	S 15:43	17:14	18:13	19:13	21:08	22:49
K	Stockland Green Hills Mitchell Drive	15:08	H 15:35	S 15:46	17:17	18:16	19:16	21:11	22:52
L	Metford Shops	15:14	H 15:41	S 15:52	17:23	18:21	19:21	21:16	22:57
M	Metford Station McCubbin Close	15:18	H 15:45	SW 15:56	17:27	18:25	19:25	21:20	23:01
N	Metford TAFE Ferraby Drive	15:21	H 15:48	S 16:03	17:30	18:28	19:28	21:23	23:04
O	Allendale Street & Yarrum Avenue	15:30	H 15:57	S 16:12	17:39	18:36	19:36	21:31	...
P	Tarro Eastern Avenue	15:35	H 16:02	S 16:17	17:44	18:40	19:40	21:35	...
Q	Beresfield Shops	15:39	H 16:06	S 16:21	17:48	18:44	19:44	21:39	...
R	Woodberry Lawson Avenue & Lark Street	15:41	H 16:08	S 16:23	17:50	18:46	19:46	21:41	...

Saturday									
map ref	Route Number	181	181	181	181	181	181	181	181
A	Rutherford Shops Hillview Street	M 07:43	ABM 08:39	M 09:39	ABM 10:39	M 11:40	ABM 12:41	13:41	BM 14:28
B	Maitland Hospital High Street	07:48	08:44	09:44	10:44	11:45	12:46	13:46	14:33
C	Maitland Elgin Street & High Street	07:52	08:49	09:49	10:49	11:50	12:51	13:51	14:38
E	Maitland Station Railway Street	07:54	08:51	09:51	10:51	11:52	12:53	13:53	14:40
F	High Street Station High Street	07:59	08:57	09:57	10:57	11:58	12:58	13:58	14:45
G	New England Highway & Melbourne Street	08:03	09:01	10:01	11:01	12:02	13:02	14:02	14:49
H	East Maitland Post Office	08:06	09:04	10:04	11:04	12:05	13:05	14:05	14:52
I	Victoria Street Station Victoria Street	08:08	09:06	10:06	11:06	12:07	13:07	14:07	14:54
J	Quarry Street & Fieldsend Street	08:12	09:10	10:10	11:10	12:11	13:11	14:11	14:58
K	Stockland Green Hills Mitchell Drive	08:15	09:13	10:13	11:13	12:14	13:14	14:14	15:01
L	Metford Shops	08:20	09:19	10:19	11:19	12:20	13:20	14:20	15:07
M	Metford Station McCubbin Close	08:24	09:23	10:23	11:23	12:24	13:24	14:24	15:11
N	Metford TAFE Ferraby Drive	08:27	09:26	10:26	11:26	12:27	13:27	14:27	15:14
O	Allendale Street & Yarrum Avenue	08:36	09:35	10:35	11:35	12:35	13:35	14:35	15:22
P	Tarro Eastern Avenue	08:41	09:40	10:40	11:40	12:40	13:40	14:40	15:27
Q	Beresfield Shops	08:45	09:44	10:44	11:44	12:44	13:44	14:44	15:31
R	Woodberry Lawson Avenue & Lark Street	08:47	09:46	10:46	11:46	12:46	13:46	14:46	15:33

Saturday (continued...)						
map ref	Route Number	181	181	181	181	181
A	Rutherford Shops Hillview Street	M 15:33	AM 16:34	17:46	18:41	21:05
B	Maitland Hospital High Street	15:38	16:39	17:51	18:46	21:10
C	Maitland Elgin Street & High Street	15:43	16:43	17:55	18:50	21:14
E	Maitland Station Railway Street	15:45	16:45	17:57	18:52	21:16
F	High Street Station High Street	15:50	16:50	18:02	18:57	21:21
G	New England Highway & Melbourne Street	15:54	16:54	18:06	19:01	21:25
H	East Maitland Post Office	15:57	16:57	18:09	19:04	21:28
I	Victoria Street Station Victoria Street	15:59	16:59	18:11	19:06	21:30
J	Quarry Street & Fieldsend Street	16:03	17:03	18:15	19:10	21:34
K	Stockland Green Hills Mitchell Drive	16:06	17:06	18:18	19:13	21:37
L	Metford Shops	16:11	17:11	18:23	19:18	21:42
M	Metford Station McCubbin Close	16:15	17:15	18:27	19:22	21:46
N	Metford TAFE Ferraby Drive	16:18	17:18	18:30	19:25	21:49
O	Allendale Street & Yarrum Avenue	16:26	17:26	18:38	19:33	...
P	Tarro Eastern Avenue	16:30	17:30	18:42	19:37	...
Q	Beresfield Shops	16:34	17:34	18:46	19:41	...
R	Woodberry Lawson Avenue & Lark Street	16:36	17:36	18:48	19:43	...

Sunday & Public Holidays						
map ref	Route Number	181	181	181	181	181
A	Rutherford Shops Hillview Street	M07:53	ABM09:53	BM11:48	13:53	15:48
B	Maitland Hospital High Street	07:58	09:58	11:53	13:58	15:53
C	Maitland Elgin Street & High Street	08:02	10:02	11:57	14:02	15:57
E	Maitland Station Railway Street	08:04	10:04	11:59	14:04	15:59
F	High Street Station High Street	08:09	10:09	12:04	14:09	16:04
G	New England Highway & Melbourne Street	08:13	10:13	12:08	14:13	16:08
H	East Maitland Post Office	08:16	10:16	12:11	14:16	16:11
I	Victoria Street Station Victoria Street	08:18	10:18	12:13	14:18	16:13
J	Quarry Street & Fieldsend Street	08:22	10:22	12:17	14:22	16:17
K	Stockland Green Hills Mitchell Drive	08:25	10:25	12:20	14:25	16:20
L	Metford Shops	08:30	10:30	12:25	14:30	16:25
M	Metford Station McCubbin Close	08:34	10:34	12:29	14:34	16:29
N	Metford TAFE Ferraby Drive	08:37	10:37	12:32	14:37	16:32
O	Allendale Street & Yarrum Avenue	08:45	10:45	12:40	14:45	16:40
P	Tarro Eastern Avenue	08:49	10:49	12:44	14:49	16:44
Q	Beresfield Shops	08:53	10:53	12:48	14:53	16:48
R	Woodberry Lawson Avenue & Lark Street	08:55	10:55	12:50	14:55	16:50

Monday to Friday		♿	♿	♿	♿	♿	♿	♿	
map ref	Route Number	181	181	181	181	181	181	181	
R	Woodberry Lawson Avenue & Lark Street	...	...	06:40	07:35	08:27	09:42	10:55	11:50
Q	Beresfield Shops	...	...	06:50	07:45	08:37	09:52	11:05	12:00
P	Tarro Eastern Avenue	...	...	06:54	07:49	08:41	09:56	11:09	12:04
O	Allendale Street & Yarrum Avenue	...	...	06:58	07:54	08:46	10:01	11:14	12:09
N	Metford TAFE Ferraby Drive	...	05:56	07:06	W08:02	08:54	10:09	11:22	12:17
M	Metford Station McCubbin Close	...	05:59	07:09	08:11	08:57	10:12	11:25	12:20
L	Metford Shops	...	06:03	07:14	08:17	09:02	10:16	11:29	12:24
K	Stockland Green Hills Mitchell Drive	...	06:10	07:21	08:24	09:09	10:23	11:36	12:31
J	Quarry Street & Fieldsend Street	...	06:13	07:25	08:28	09:13	10:27	11:40	12:35
I	Victoria Street Station Victoria Street	...	06:16	07:28	08:31	09:16	10:30	11:43	12:38
H	East Maitland Post Office	...	06:17	07:29	08:32	09:17	10:31	11:44	12:39
G	New England Highway & Melbourne Street	...	06:20	07:33	08:36	09:21	10:35	11:48	12:43
F	High Street Station High Street	05:25	06:24	07:37	08:40	09:25	10:39	11:52	12:47
E	Maitland Station Railway Street	05:30	06:29	07:43	08:46	09:31	10:44	11:57	12:52
D	Maitland High Street & Church Street	05:32	06:31	07:45	08:48	09:33	10:46	11:59	12:54
B	Maitland Hospital High Street	05:36	06:35	07:50	08:53	09:38	10:50	12:03	12:58
A	Rutherford Shops Hillview Street	05:41	A06:40	A07:55	08:58	09:43	A10:55	M12:08	ABM13:03

Monday to Friday (continued...)		♿	♿	♿	♿	♿	♿	♿	
map ref	Route Number	181	181	181	181	181	181	181	
R	Woodberry Lawson Avenue & Lark Street	12:48	13:48	14:50	15:41	16:23	17:50	19:46	21:41
Q	Beresfield Shops	12:58	13:58	15:00	15:51	16:33	18:00	19:56	21:51
P	Tarro Eastern Avenue	13:02	14:02	15:04	15:55	16:37	18:04	20:00	21:55
O	Allendale Street & Yarrum Avenue	13:07	14:07	15:09	16:00	16:42	18:08	20:04	21:59
N	Metford TAFE Ferraby Drive	13:15	14:15	15:17	16:08	16:50	18:15	20:11	22:06
M	Metford Station McCubbin Close	13:18	14:18	15:20	16:11	16:53	18:18	20:14	22:09
L	Metford Shops	13:22	14:23	15:25	16:16	16:58	18:22	20:18	22:13
K	Stockland Green Hills Mitchell Drive	13:29	14:30	15:32	16:23	17:05	18:29	20:25	22:20
J	Quarry Street & Fieldsend Street	13:33	14:34	15:36	16:27	17:09	18:32	20:28	22:23
I	Victoria Street Station Victoria Street	13:36	14:37	15:39	16:30	17:12	18:35	20:31	22:26
H	East Maitland Post Office	13:37	14:38	15:40	16:31	17:13	18:36	20:32	22:27
G	New England Highway & Melbourne Street	13:41	14:42	15:44	16:35	17:17	18:39	20:35	22:30
F	High Street Station High Street	13:45	14:46	15:48	16:39	17:21	18:43	20:39	22:34
E	Maitland Station Railway Street	13:50	14:52	15:54	16:45	17:27	18:48	20:44	22:39
D	Maitland High Street & Church Street	13:52	14:54	15:56	16:47	17:29	18:50	20:46	22:41
B	Maitland Hospital High Street	13:56	14:59	16:01	16:52	17:34	18:54	20:50	22:45
A	Rutherford Shops Hillview Street	M14:01	ABM15:04	ABM16:06	ABM16:57	M17:39	B18:59	M20:55	22:50

Saturday									
map ref	Route Number	181	181	181	181	181	181	181	181
R	Woodberry Lawson Avenue & Lark Street	06:49	07:49	08:47	09:46	10:46	11:46	12:46	13:46
Q	Beresfield Shops	06:59	07:59	08:57	09:56	10:56	11:56	12:56	13:56
P	Tarro Eastern Avenue	07:03	08:03	09:01	10:00	11:00	12:00	13:00	14:00
O	Allendale Street & Yarrum Avenue	07:07	08:07	09:06	10:05	11:05	12:05	13:05	14:05
N	Metford TAFE Ferraby Drive	07:14	08:14	09:14	10:13	11:13	12:13	13:13	14:13
M	Metford Station McCubbin Close	07:17	08:17	09:17	10:16	11:16	12:16	13:16	14:16
L	Metford Shops	07:21	08:21	09:22	10:21	11:21	12:20	13:20	14:20
K	Stockland Green Hills Mitchell Drive	07:28	08:28	09:29	10:28	11:28	12:27	13:27	14:27
J	Quarry Street & Fieldsend Street	07:31	08:31	09:33	10:32	11:32	12:31	13:31	14:31
I	Victoria Street Station Victoria Street	07:34	08:34	09:36	10:35	11:35	12:34	13:34	14:34
H	East Maitland Post Office	07:35	08:35	09:37	10:36	11:36	12:35	13:35	14:35
G	New England Highway & Melbourne Street	07:38	08:39	09:41	10:40	11:40	12:39	13:39	14:39
F	High Street Station High Street	07:42	08:43	09:45	10:44	11:44	12:43	13:43	14:43
E	Maitland Station Railway Street	07:47	08:49	09:51	10:50	11:50	12:48	13:48	14:48
D	Maitland High Street & Church Street	07:49	08:51	09:53	10:52	11:52	12:50	13:50	14:50
B	Maitland Hospital High Street	07:53	08:56	09:58	10:57	11:57	12:54	13:54	14:54
A	Rutherford Shops Hillview Street	A 07:58	M 09:01	ABM 10:03	M 11:02	A 12:02	12:59	ABM 13:59	M 14:59

Saturday (continued...)						
map ref	Route Number	181	181	181	181	181
R	Woodberry Lawson Avenue & Lark Street	14:46	15:43	16:36	17:36	19:43
Q	Beresfield Shops	14:56	15:53	16:46	17:46	19:53
P	Tarro Eastern Avenue	15:00	15:57	16:50	17:50	19:57
O	Allendale Street & Yarrum Avenue	15:05	16:02	16:54	17:54	20:01
N	Metford TAFE Ferraby Drive	15:13	16:09	17:01	18:01	20:08
M	Metford Station McCubbin Close	15:16	16:12	17:04	18:04	20:11
L	Metford Shops	15:20	16:16	17:08	18:08	20:15
K	Stockland Green Hills Mitchell Drive	15:27	16:23	17:15	18:15	20:22
J	Quarry Street & Fieldsend Street	15:31	16:26	17:18	18:18	20:25
I	Victoria Street Station Victoria Street	15:34	16:29	17:21	18:21	20:28
H	East Maitland Post Office	15:35	16:30	17:22	18:22	20:29
G	New England Highway & Melbourne Street	15:39	16:33	17:25	18:25	20:32
F	High Street Station High Street	15:43	16:37	17:29	18:29	20:36
E	Maitland Station Railway Street	15:48	16:42	17:34	18:34	20:41
D	Maitland High Street & Church Street	15:50	16:44	17:36	18:36	20:43
B	Maitland Hospital High Street	15:54	16:48	17:40	18:40	20:47
A	Rutherford Shops Hillview Street	ABM 15:59	M 16:53	ABM 17:45	M 18:45	M 20:52

Sunday & Public Holidays						
<small>map ref</small>	Route Number	181	181	181	181	181
R	Woodberry Lawson Avenue & Lark Street	08:55	10:55	12:50	14:55	16:50
Q	Beresfield Shops	09:05	11:05	13:00	15:05	17:00
P	Tarro Eastern Avenue	09:09	11:09	13:04	15:09	17:04
O	Allendale Street & Yarrum Avenue	09:13	11:13	13:08	15:13	17:08
N	Metford TAFE Ferraby Drive	09:20	11:20	13:15	15:20	17:15
M	Metford Station McCubbin Close	09:23	11:23	13:18	15:23	17:18
L	Metford Shops	09:27	11:27	13:22	15:27	17:22
K	Stockland Green Hills Mitchell Drive	09:34	11:34	13:29	15:34	17:29
J	Quarry Street & Fieldsend Street	09:37	11:37	13:32	15:37	17:32
I	Victoria Street Station Victoria Street	09:40	11:40	13:35	15:40	17:35
H	East Maitland Post Office	09:41	11:41	13:36	15:41	17:36
G	New England Highway & Melbourne Street	09:44	11:44	13:39	15:44	17:39
F	High Street Station High Street	09:48	11:48	13:43	15:48	17:43
E	Maitland Station Railway Street	09:53	11:53	13:48	15:53	17:48
D	Maitland High Street & Church Street	09:55	11:55	13:50	15:55	17:50
B	Maitland Hospital High Street	09:59	11:59	13:54	15:59	17:54
A	Rutherford Shops Hillview Street	10:04	12:04	ABM 13:59	ABM 16:04	ABM 17:59

Monday to Friday											
map ref	Route Number	177	177	177	177	177	177	177	177	177	177
A	Rutherford Shops Hillview Street	07:05	08:22	09:35	11:28	T13:08	T15:09	T16:11	T17:02	18:12	T19:08
S	Budgeree Drive & Weblands Street	07:11	08:28	09:41	11:34	13:14	15:15	16:17	17:08	18:18	19:14
A	Rutherford Shops Hillview Street	T07:15	T08:32	T09:45	T11:38	13:18	15:19	16:21	17:12	18:22	19:18

Saturday							
map ref	Route Number	177	177	177	177	177	177
A	Rutherford Shops Hillview Street	08:24	T10:24	12:26	T14:04	T16:04	T17:50
S	Budgeree Drive & Weblands Street	08:30	10:30	12:32	14:10	16:10	17:56
A	Rutherford Shops Hillview Street	T08:34	T10:34	T12:36	T14:14	16:14	18:00

Sunday & Public Holidays						
	Route Number	177	177	177	177	177
		09:38	11:25	T14:02	T16:04	T18:00
		09:44	11:31	14:08	16:10	18:06
		T09:48	T11:35	14:12	16:14	18:10

Monday to Friday												
map ref	Route Number	178	178	178	178	178	178	178	178	178	178	
A	Rutherford Shops Hillview Street	05:11	T06:45	T08:02	09:15	T11:08	T13:18	T15:19	T16:21	T17:12	18:22	19:18
T	Rutherford Industrial Estate	05:18	06:52	08:09	09:22	11:15	13:25	15:26	16:28	17:19	18:29	19:25
U	Anambah Road & Niven Parade	05:21	06:55	08:12	09:25	11:18	13:28	15:29	16:31	17:22	18:32	19:28
T	Rutherford Industrial Estate	05:24	06:58	08:15	09:28	11:21	13:31	15:32	16:34	17:25	18:35	19:31
A	Rutherford Shops Hillview Street	05:31	T07:05	T08:22	T09:35	T11:28	T13:38	15:39	T16:41	T17:32	T18:42	19:38

Saturday							
map ref	Route Number	178	178	178	178	178	178
A	Rutherford Shops Hillview Street	T08:04	T10:04	T12:06	T14:14	T16:14	T18:00
T	Rutherford Industrial Estate	08:11	10:11	12:13	14:21	16:21	18:07
U	Anambah Road & Niven Parade	08:14	10:14	12:16	14:24	16:24	18:10
T	Rutherford Industrial Estate	08:17	10:17	12:19	14:27	16:27	18:13
A	Rutherford Shops Hillview Street	T08:24	T10:24	T12:26	14:34	T16:34	18:20

Sunday & Public Holidays						
	Route Number	178	178	178	178	178
		09:18	11:05	T14:12	T16:14	T18:10
		09:25	11:12	14:19	16:21	18:17
		09:28	11:15	14:22	16:24	18:20
		09:31	11:18	14:25	16:27	18:23
		T09:38	11:25	14:32	16:34	18:30

Monday to Friday												
map ref	Route Number	186	186	186	186	186	186	186	186	186	186	
A	Rutherford Shops Hillview Street	G05:31	06:57	08:10	09:26	10:22	11:20	T12:20	T13:10	T14:10	T15:11	T16:09
V	Denton Park Drive & Weblands Street	...	07:04	08:17	09:33	10:29	11:27	12:27	13:17	14:17	15:18	16:16
S	Budgeree Drive & Weblands Street	05:37	...	...	...	...	...	...	...	...	...	...
W	McKeachie Drive & Teale Street	05:41	07:08	08:21	09:37	10:33	11:31	12:31	13:21	14:21	15:22	16:20
V	Denton Park Drive & Weblands Street	05:45	07:12	08:25	09:41	10:37	11:35	12:35	13:25	14:25	15:26	16:24
A	Rutherford Shops Hillview Street	T05:52	T07:19	T08:32	T09:48	T10:44	T11:42	T12:42	T13:32	T14:32	15:33	T16:31

Monday to Friday (continued...)							
map ref	Route Number	186	186	186	186	186	
A	Rutherford Shops Hillview Street	T16:59	T17:40	18:44	19:40	20:40	GT21:09
V	Denton Park Drive & Weblands Street	17:06	17:47	18:51	19:47	20:47	...
S	Budgeree Drive & Weblands Street	...	...	...	...	...	21:15
W	McKeachie Drive & Teale Street	17:10	17:51	18:55	19:51	20:51	21:19
V	Denton Park Drive & Weblands Street	17:14	17:55	18:59	19:55	20:55	21:23
A	Rutherford Shops Hillview Street	17:21	18:02	19:06	20:02	21:02	21:30

Saturday												
map ref	Route Number	186	186	186	186	186	186	186	186	186	186	
A	Rutherford Shops Hillview Street	G07:22	08:15	T09:15	T10:15	T11:16	12:17	T14:05	T15:04	T16:04	T16:58	T17:50
V	Denton Park Drive & Weblands Street	...	08:22	09:22	10:22	11:23	12:24	14:12	15:11	16:11	17:05	17:57
S	Budgeree Drive & Weblands Street	07:28	...	...	...	...	...	...	...	...	...	...
W	McKeachie Drive & Teale Street	07:32	08:26	09:26	10:26	11:27	12:28	14:16	15:15	16:15	17:09	18:01
V	Denton Park Drive & Weblands Street	07:36	08:30	09:30	10:30	11:31	12:32	14:20	15:19	16:19	17:13	18:05
A	Rutherford Shops Hillview Street	T07:43	T08:37	T09:37	T10:37	T11:38	T12:39	T14:27	T15:26	T16:26	17:20	18:12

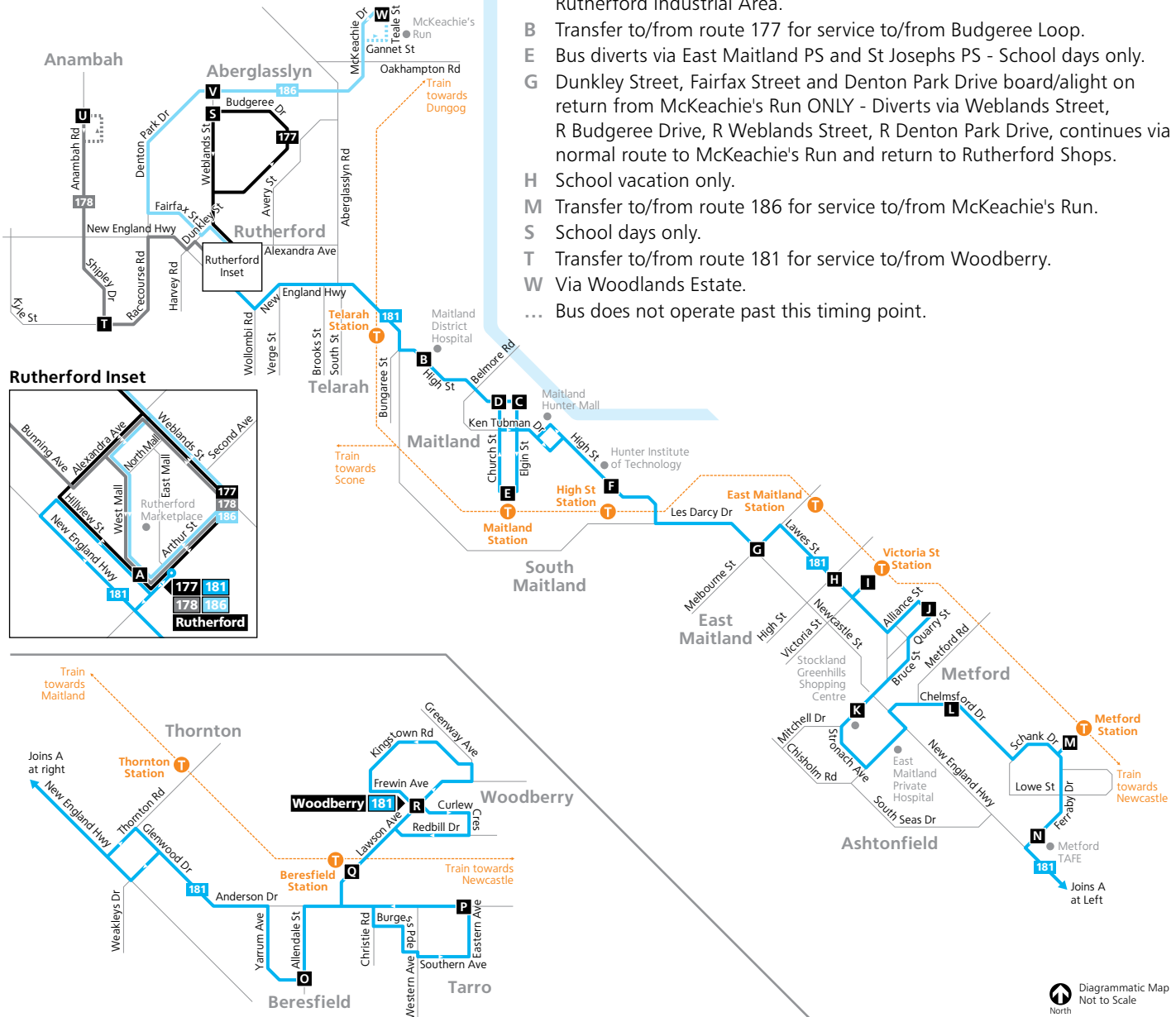
Saturday (continued...)			
map ref	Route Number	186	186
A	Rutherford Shops Hillview Street	T18:45	GT20:54
V	Denton Park Drive & Weblands Street	18:52	...
S	Budgeree Drive & Weblands Street	...	21:00
W	McKeachie Drive & Teale Street	18:56	21:04
V	Denton Park Drive & Weblands Street	19:00	21:08
A	Rutherford Shops Hillview Street	19:07	21:15

Sunday & Public Holidays							
map ref	Route Number	186	186	186	186	186	186
A	Rutherford Shops Hillview Street	G07:32	09:30	11:21	T14:02	T16:05	GT18:00
V	Denton Park Drive & Weblands Street	...	09:37	11:28	14:09	16:12	...
S	Budgeree Drive & Weblands Street	07:38	...	...	...	...	18:06
W	McKeachie Drive & Teale Street	07:42	09:41	11:32	14:13	16:16	18:10
V	Denton Park Drive & Weblands Street	07:46	09:45	11:36	14:17	16:20	18:14
A	Rutherford Shops Hillview Street	T07:53	T09:52	T11:43	14:24	16:27	18:21



Explanation of definitions and symbols

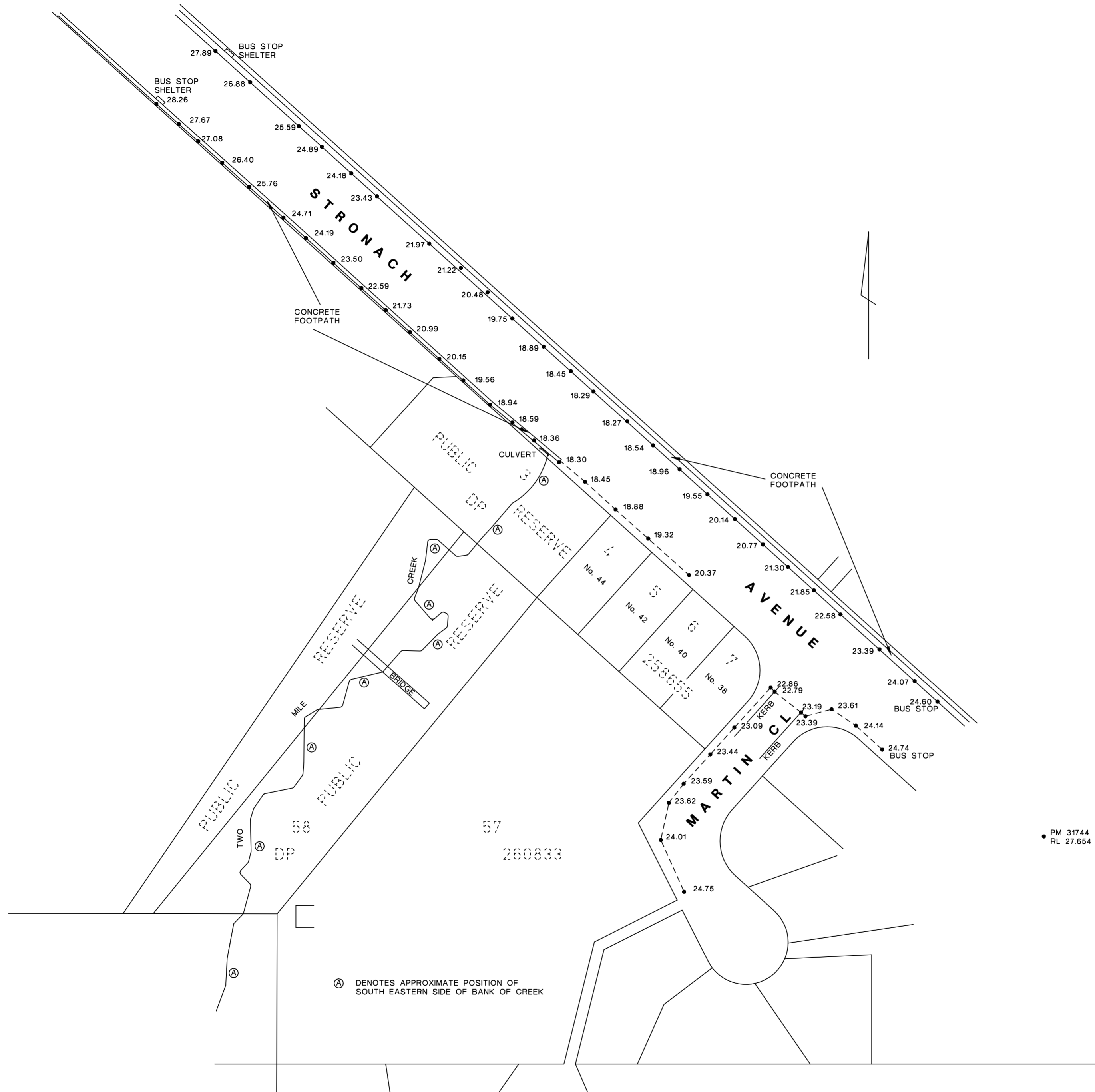
- A Transfer to/from route 178 for service to/from Anambah and Rutherford Industrial Area.
- B Transfer to/from route 177 for service to/from Budgeree Loop.
- E Bus diverts via East Maitland PS and St Josephs PS - School days only.
- G Dunkley Street, Fairfax Street and Denton Park Drive board/alight on return from McKeachie's Run ONLY - Diverts via Weblands Street, R Budgeree Drive, R Weblands Street, R Denton Park Drive, continues via normal route to McKeachie's Run and return to Rutherford Shops.
- H School vacation only.
- M Transfer to/from route 186 for service to/from McKeachie's Run.
- S School days only.
- T Transfer to/from route 181 for service to/from Woodberry.
- W Via Woodlands Estate.
- ... Bus does not operate past this timing point.



- Legend**
- Bus route
 - 181 Bus route number
 - A** Timing point
 - T— Train line/station

Diagrammatic Map
North
Not to Scale





(A) DENOTES APPROXIMATE POSITION OF SOUTH EASTERN SIDE OF BANK OF CREEK

HOLGER BEUTHIEN
 REGISTERED SURVEYOR
 PO Box 232
 JANNALI NSW 2226
 Ph. 0409 044 822
 Email: holger@idsurveys.com.au
 www.idsurveys.com.au
 ABN: 395 236 13641

PLAN showing footpath levels and approximate position of South Eastern bank of Two Mile Creek in relation to site at 7 MARTIN CLOSE EAST MAITLAND Lot 57 in DP 260833

A2
 1:1000

Datum of Levels: AHD
 Origin of Levels: PM 31744
 Adopted Value: 27.654
 Date of Survey: 28 May 2020
 My Reference: 16335-1