

Report Prepared for
FridCorp Pty Ltd

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Mixed Use Development
270 Clayton Road, Clayton

11 November 2020

green:travel

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ratio:consultants

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1.1 Introduction

Welcome! This is the Green Travel Plan (GTP), your informative guide to all things travel related for this mixed-use development, specifically sustainable travel.

1.2 Information for Tenants and Guests

You are perfectly located to access train and bus services running from the nearby Clayton Railway Station, in addition to a host of nearby bicycle friendly travel routes. Given the variety of sustainable transit options available, you don't have to rely on your private vehicle as the primary mode of travel to/from work, business meetings or leisure activities. Whilst you will no doubt find all of these things in your own in time, this document is designed to help you find them sooner!

In the following pages, you will find useful information on where to catch public transport, safe routes to ride your bicycle or e-scooter, and some handy places you can walk to.

1.3 Information for Building Management

Section 9 of the GTP establishes a number of targets that seek to encourage staff and guests to adopt transport modes that result in the least impact on the environment, particularly active transport modes such as walking and cycling. A group will be set up to monitor the progress towards these targets and to keep the travel plan up to date.

1.4 Purpose of the Green Travel Plan

Transport is the second largest producer of greenhouse gas emissions in Victoria after stationary energy production with the emissions of over 19 million tonnes of carbon dioxide (CO₂) per annum. As a consequence, both State and Local government authorities (such as the City of Monash) are implementing policies to reduce the impact of vehicle travel on the environment by (amongst other measures) encouraging more sustainable modes of transport.

By way of example, the State Government has prepared a range of broad-level policy documents, such as Plan Melbourne, which set out similar goals and objectives aimed at improving and encouraging existing transport infrastructure within the State, and ultimately reducing the reliance on private motor vehicles, as they represent the most space intensive and carbon emitting form of transport per person moved.

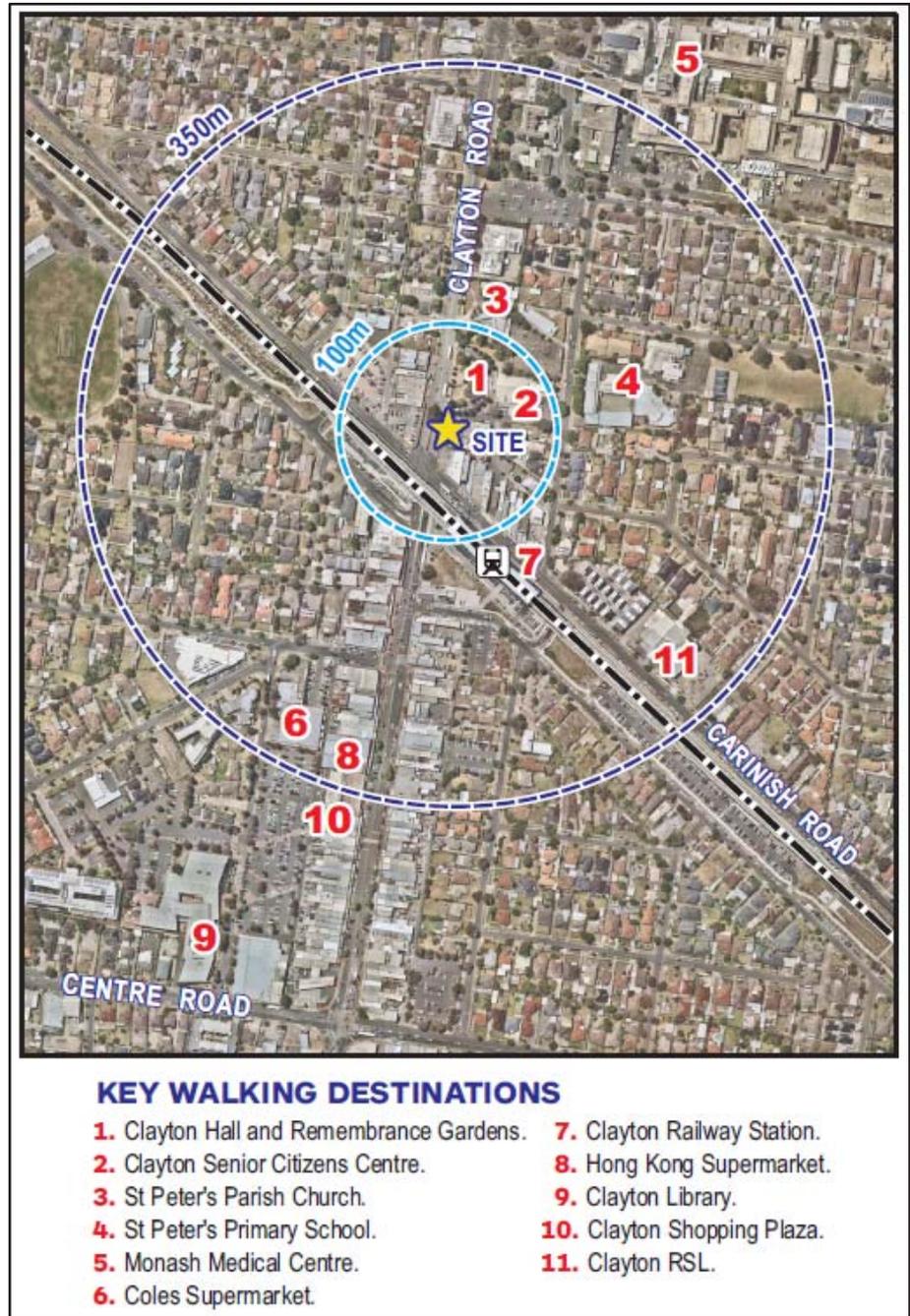
This Green Travel Plan outlines a range of strategies, targets and actions designed to encourage the use of sustainable modes of transport (such as walking, cycling and public transport) in lieu of single-occupancy car trips.

2 Key Destinations:

Your address at 270 Clayton Road, Clayton is located within a short walking distance to many services and destinations, including Clayton Railway Station and surrounding commercial facilities at the Clayton Activity Centre.

Figure 2.1 provides an overview of some of the places available within convenient walking distance of the site.

Figure 2.1: Some Key Destinations Within Walking Distance



3 Public Transport:

The building is ideally located within the Principal Public Transport Network (PPTN) and is surrounded by a range of high-quality public transport services. Train and bus services operate within close proximity to the site, with a summary of these services provided in Table 3.1 and illustrated in

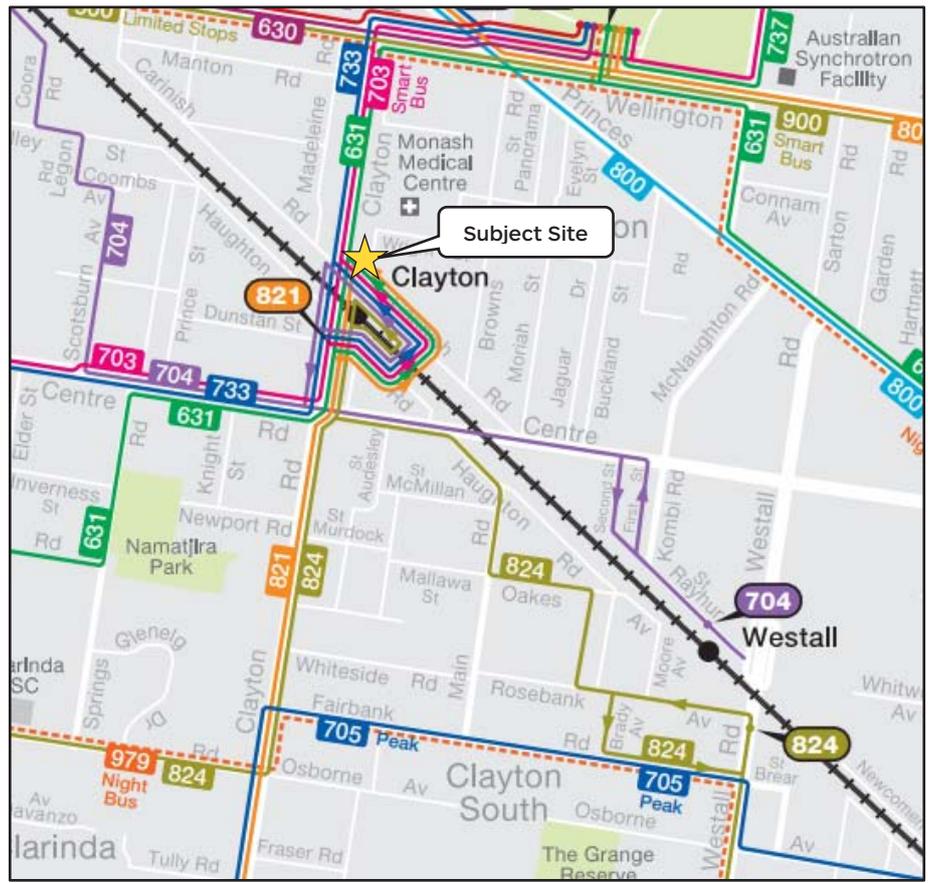
Mode	Route Number	Route	Nearest Stop	Distance (Walking Distance)
Train	Cranbourne and Pakenham Lines		Clayton Railway Station	110m (~2 mins)
Bus	631	Southland - Waverley Gardens via Clayton & Monash University		
	703	Middle Brighton - Blackburn via Bentleigh & Clayton & Monash University		
	704	East Clayton - Oakleigh via Clayton & Huntingdale		
	733	Oakleigh - Box Hill via Clayton & Monash University & Mt Waverley		
	821	Southland - Clayton via Heatherton		
	824	Moorabbin - Keysborough via Clayton & Westall		

Figure 3.1.

Table 3.1: Public Transport Services

Mode	Route Number	Route	Nearest Stop	Distance (Walking Distance)
Train	Cranbourne and Pakenham Lines		Clayton Railway Station	110m (~2 mins)
Bus	631	Southland - Waverley Gardens via Clayton & Monash University		
	703	Middle Brighton - Blackburn via Bentleigh & Clayton & Monash University		
	704	East Clayton - Oakleigh via Clayton & Huntingdale		
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	821	Southland - Clayton via Heatherton		
	824	Moorabbin - Keysborough via Clayton & Westall		

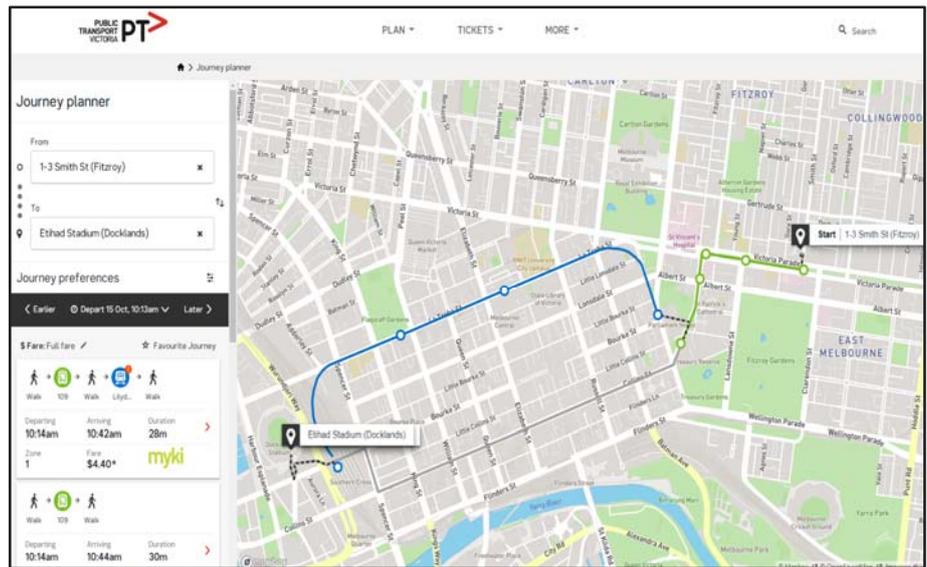
Figure 3.1: Public Transport Map



Plan Your Journey

See <https://ptv.vic.gov.au/journey> to plan your public transport journey. Simply enter your origin and destination and either your departure or arrival time and you're on your way! An illustration of this website is shown below in Figure 3.2:

Figure 3.2: PTV Website Journey Planner



There is also a free app that you can download from the following link:

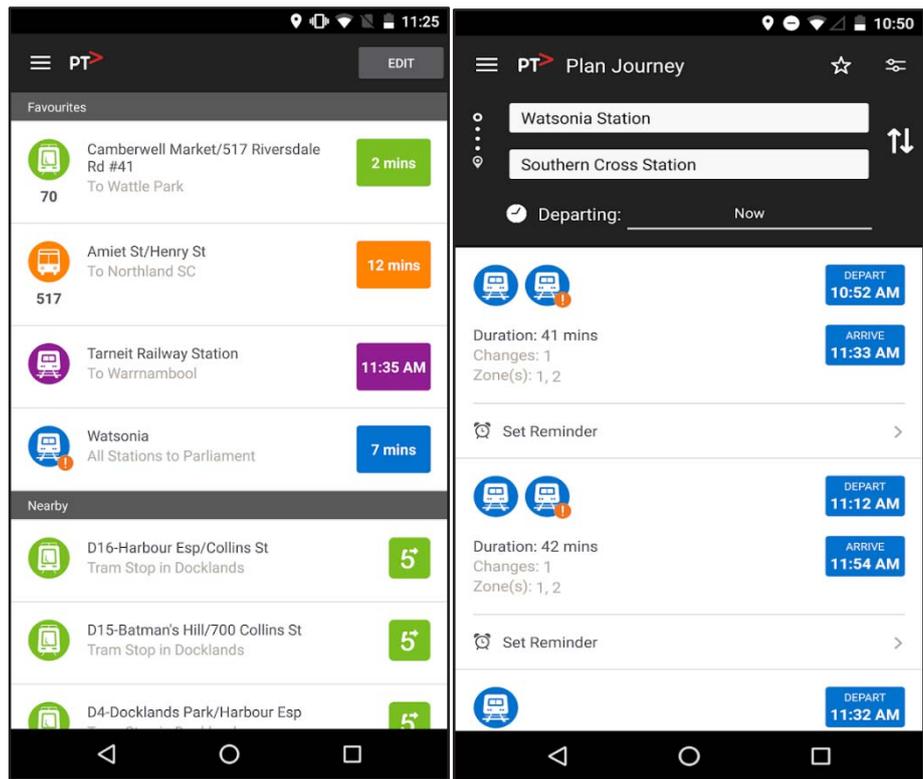
<https://www.ptv.vic.gov.au/getting-around/mobile-apps/>

Some of the features of the app include:

- Real time train, tram and bus information shown in countdown mode.
- Real time platform information for metropolitan trains including any cancellation information.
- Detailed station facility information.
- Integration with your address book to plan a journey with your contacts.
- Location of myki retail outlets.
- Ability to call PTV directly from the app.

Figure 3.3 displays the mobile application interface, including the home page and the journey planner feature. Note that all features require an internet connection.

Figure 3.3: PTV Mobile Application Home Page and Journey Planner



Purchasing a Myki

Myki cards can be purchased from a number of retailers, including all 7-Eleven stores, Myki machines at selected stations and tram stops, premium station ticket offices, on the bus, and online.

If you have an Android smartphone, you can now integrate your Myki through the Google Pay app. You have the ability to see your balance, top up on the go and touch on and off with your phone. For more information visit the link below.

<https://www.ptv.vic.gov.au/tickets/myki/mobile-myki/>

4.1 Getting to and from the Site

There is significant bicycle infrastructure in the vicinity of the site, including bicycle routes (on-street bicycle lanes and shared pathways) and bicycle parking throughout Clayton Activity Centre.

The key bicycle routes in vicinity of the site are summarised below:

- Off-road shared paths along the recently constructed Djerring Trail, Westall Road, North Road and Wellington Road.
- On-road bicycle lanes along Huntingdale Road, Bourke Road, Viney Street and Oakes Avenue.
- Informal bicycle routes running along Mary Street, Colonel Street, Flora Road, Harlington Street, Moriah Street, Wright Street, Browns Road and Princes Highway (Dandenong Road).

The above infrastructure connects to the wider bicycle network, providing further connections across Melbourne. The bicycle infrastructure in direct proximity is shown in Figure 4.1.

Figure 4.1: Bicycle Infrastructure in Vicinity of the Site



4.2 Parking Your Bicycle

There are plenty of racks provided for you to park your bicycle, with a total of 73 bicycle parking spaces provided on-site. These spaces consist of the following:

- 48 bicycle parking spaces are provided within 24 double level bicycle parking rails within the bicycle parking room located on ground floor of the development.
- Eight bicycle parking spaces are provided within four double sided 'hoop' rails (such as the Arc De Triomphe bicycle parking rails) located along the site's frontage of Clayton Road.
- Two bicycle parking spaces are provided within two wall mounted rails (such as the Towel Hitching bicycle parking rails) located along the RoW abutting the eastern boundary of the site.
- Nine bicycle parking spaces are provided within wall mounted bicycle parking rails (such as the Ned Kelly bicycle parking rails) located at the south-eastern corner within Basement 1; and
- Six bicycle parking spaces are provided within three double sided 'hoop' rails (such as the Arc De Triomphe bicycle parking rails) located at the south-eastern corner within Basement 1.

Don't worry if you don't have your own bicycle as there is an on-site share bike scheme to allow you to gain access to the great range of bicycle facilities in the area. There will be a total of six bicycle parking spaces allocated to the share bike scheme which will also include two e-bikes to share to make it easy and fun for you to travel around to do shopping, leisure and business trips.

The locations of on-site bicycle parking on ground floor and Basement Level 1 are shown in Figure 4.2, Figure 4.3 and Figure 4.4 below:

Figure 4.2: On-Site Bicycle Parking (Ground Floor)

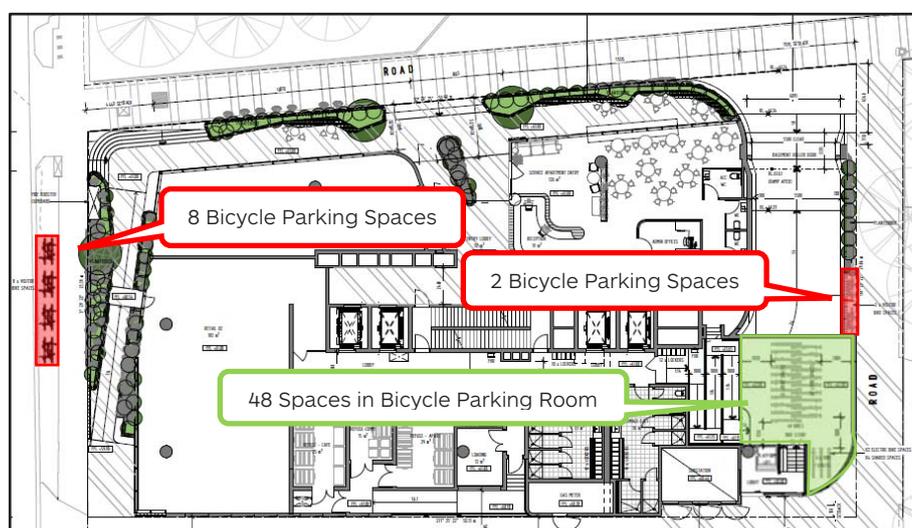


Figure 4.3: Bicycle Parking Room on Ground Floor

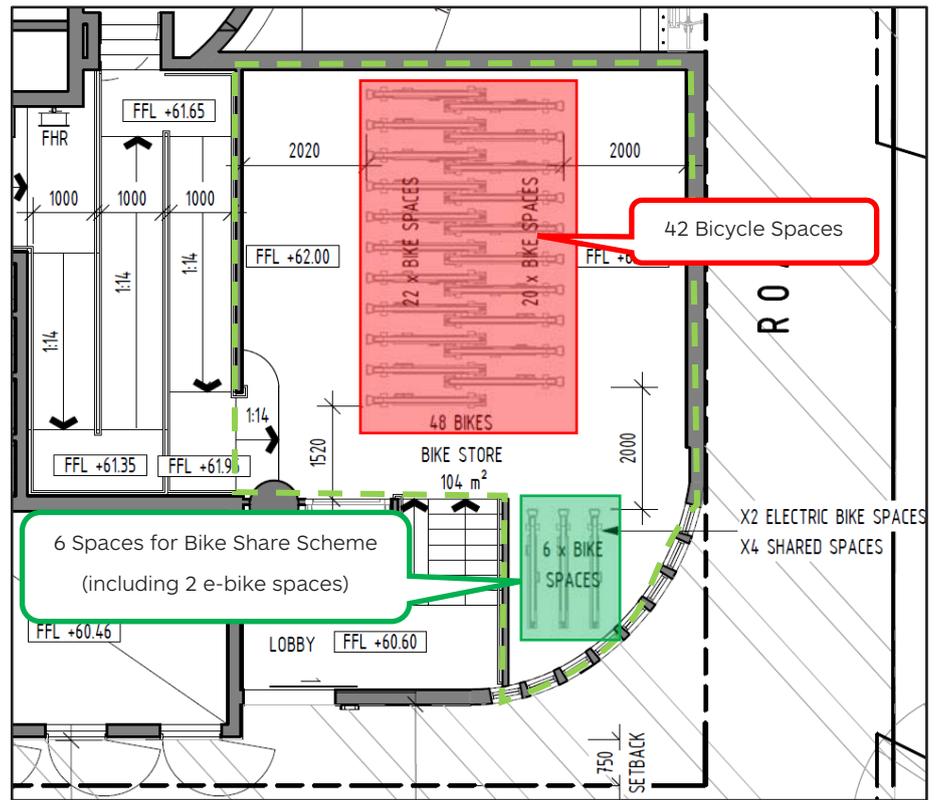
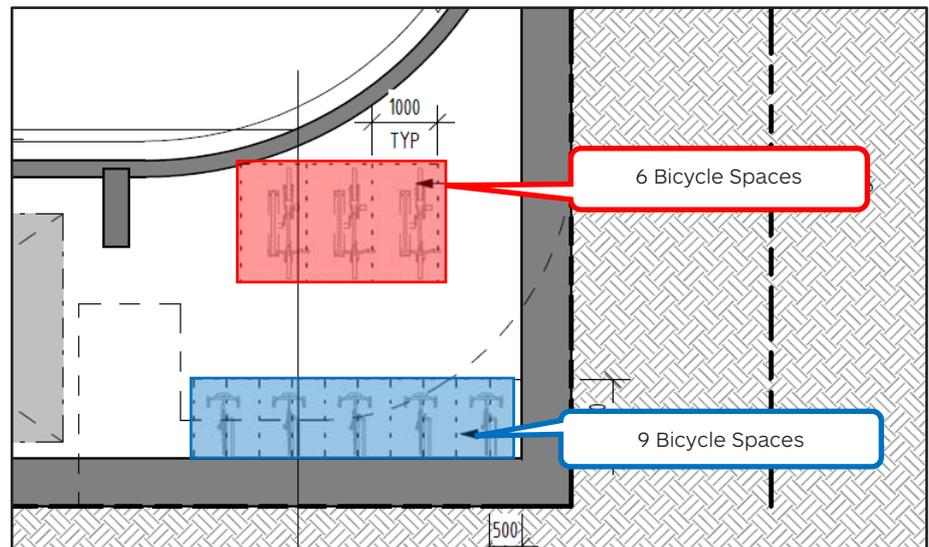


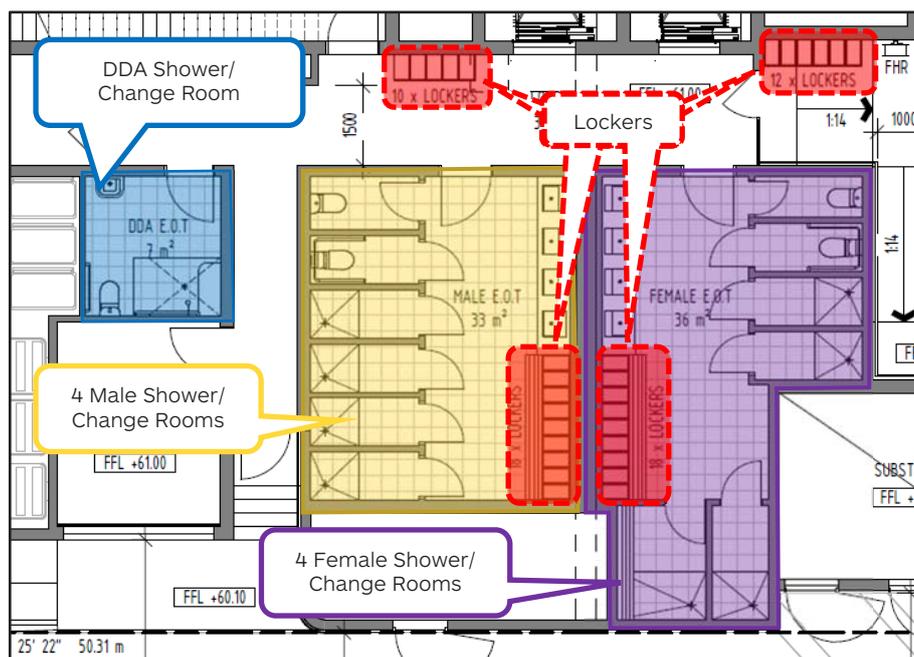
Figure 4.4: Bicycle Parking within Basement 1



4.3 End of Trip Facilities

In addition to the 73 bicycle parking spaces, end of trip facilities are provided at the ground floor level and can be accessed directly outside the bicycle storage room. These facilities include lockers and a total of nine combined showers and changeroom (four each for males and females and one DDA). See Figure 4.5 for the location of these facilities.

Figure 4.5: End of Trip Facilities



4.4 Servicing Your Bicycle

If you require some step by step guides for general bicycle maintenance and repair, see some of the resources provided below:

- <https://www.sheldonbrown.com/> - Articles and bicycle technical information to help with all your maintenance and repair needs.
- <http://bicycletutor.com/guide/> - Video instruction manuals for bicycle maintenance and repair
- <http://www.madegood.org/bikes/repairs/> - Video instruction manuals for bicycle maintenance and repair

OR, if you need to get your bicycle to a professional, try one of the following:

- Clayton Cycles Repair & Sales Centre (37 Manton Road, Clayton) – Phone: 9543 6467.
- Biker Co. (5 Rainforest Walk, Clayton) – Phone: 9905 8017.

4.5 Cycling Initiatives – Ride2Work Day

One initiative that is being supported across Melbourne is Ride2Work day, an annual event run by Bicycle Network Victoria. We hope that all of the commercial tenants can get involved in this initiative and encourage their staff members to choose cycling over other less sustainable options. This provides an opportunity to experience a different mode of transport with the additional perks of events surrounding the day. It also encourages the health benefits that arise from physical activity.

For more information in how you can join in on Ride2Work day, visit:

<https://www.bicyclenetwork.com.au/rides-and-events/ride2work/>

The website also includes great tips for new cyclists including product reviews, road rules, how to perform bike maintenance, maps and inspiration to name a few.

4.6 Cycling Groups – Melbourne Cycling on Meetup

The online meetup resource is a great way to find different clubs in Melbourne for any type of interest. If you want to get more involved in the cycling community and meet new people, Melbourne Cycling focuses on organizing bike rides several times a week around Melbourne and beyond. All you need to do is create an account and reserve your place on rides that you would like to join.

For more information visit www.meetup.com/en-AU/melbournecycling/

5 Alternatives to Owning a Vehicle:

5.1 Taxis / Rideshare / Car Share

A car share vehicle will be provided on-site in the basement car park for the use of guests and staff so just speak with management of the serviced apartments to arrange a booking.

Need to catch a cab? The following services operate taxis in Melbourne:

Service	How to order
 Silver Top Taxis	Call 8413 7202 Wheelchair accessible taxis (WATs) are also available. Simply request a WAT when making a booking
 Yellow Cabs	Call 13 6294 Wheelchair accessible taxis (WATs) are also available. Simply request a WAT when making a booking
 Uber	Get a reliable ride in minutes with the Mobile App for each service. No reservations are required
 DiDi	
 Bolt (formerly Taxify)	
 Ola	

Uber Business

Uber Business is an efficient system that can be used for business travel. It enables work-related trips to be easily charged back to the business and/or projects. The benefits include:

- Handle all your Uber rides in one place and choose a payment method that works best for your business.
- Add people to the account and create customised policies for usage.
- Review individual trip times, locations, vehicle classes and total expenses.
- Send multiple rides simultaneously
- Know when your riders have arrived at their destination.

Visit www.uber.com/business/ for more information.

6.1 Commercial Green Travel Plan

The information provided below will help to personalise this green travel plan for employees and to ensure they are getting all the relevant information.

Step One – Survey Your Staff

The first step is to gain information from your employees to get to understand their transport needs. This can be done through a simple survey through a website such as www.surveymonkey.com, or any other method that you see fit. The information that should be produced from the surveys are:

- How far in distance and time each employee lives from the workplace.
- What their current mode of transport to their workplace is.
- What they expect will be their primary and secondary mode of transport to the workplace.

Step Two – Prepare Green Travel Plans

Prepare individual green travel plans for employees to cater to their needs. For instance, if they plan to catch the public transport network to the workplace, include maps and timetables of the transport routes and closest stops to the site. For cyclists, maps of the cycling network would help them to arrive at the site.

If there are some employees that live far away and have to drive in (occasionally or regularly), look into the different car park rental options in the area or investigate if there are any park and ride locations that would be convenient. Some carpooling options are provided below:

- *Co Seats* accessed via www.coseats.com/carpool. Here you can enter in your home and work locations and either access a lift or provide a lift to someone else.
- *Share ur ride* accessed via <https://www.shareurride.com.au/>. This site works the same as the previous by helping you find a carpool to reduce single occupancy vehicles on the road.

Step Three – Update Plans and Monitor Travel

The final step is to ensure that all green travel plans are kept up to date for employees. A notice board containing information such as public transport maintenance and closures or any interesting information that could affect how people are getting to the site may be used. Individual plans should also be created for any new employees.

Travel modes should be monitored to track how employees are arriving on site and use that information to try and implement new initiatives to encourage employees to travel through sustainable transport methods.

7 Green Travel Planning:

7.1 Aims of the Green Travel Plan

The following specific objectives for the development have been identified:

- Provide tenants with the information and tools to make informed decisions on their transport habits;
- Promote the use of walking and cycling modes;
- Encourage the use of public transport to/from the site;
- Make visitors to the site aware of the sustainable transport alternatives; and
- Discourage the use of private vehicles where there is suitable access to alternative, more sustainable transport options.

The main objective of the Green Travel Plan is to reduce the carbon emissions resulting from the building that are generated through private car travel, as it is the travel mode that typically contributes the most carbon emissions per kilometre travelled. The reduction of carbon emissions is a means to slow down the impacts of climate change.

The overall aim of the Green Travel Plan is to limit the number of staff who would otherwise require access to their own private motor vehicle by facilitating alternatives such as public transport, cycling, walking and car sharing.

This Green Travel Plan will increase the use of walk, cycle and public transport modes for a range of trip types and provide the following benefits:

- An improved amenity and environment;
- Promote healthy forms of transport through walking and cycling trips;
- Reduce pressures on neighbourhoods through reduced congestion and on-street parking;
- Provide savings for developers through the reduced requirement for parking;
- Improve opportunities for those without access to a car;
- Reduce fuel costs and the reliance on fossil fuels; and
- Promote environmental policies.

8.1 Introduction

A list of actions is presented in this section of the GTP for implementation with the development. Each action is accompanied with a timeframe for implementation.

Not all actions should be considered compulsory, but rather should be treated as potential measures that should be investigated and implemented as appropriate.

8.2 General Actions

General actions are presented in Table 8.1. These actions are considered mandatory.

Table 8.1: GTP General Actions

Action	Responsible Agent	Date to be completed
Set up a Green Travel Plan Coordinator to monitor the plan. Role to be handed over to Owners Corporation after Year 1.	Applicant	Year 1 and Ongoing
Provide a yearly report to Council on the number of staff, number of cars and bicycle spaces used as well as take up of any specific actions e.g. ride to workday etc.	GTP Coordinator	Annually
Review the effectiveness of the Green Travel Plan initiatives and update the targets and objectives of the Green Travel Plan.	GTP Coordinator	Every 5 years
Update the Green Travel Plan if any major changes occur such as updates to the bicycle or public transport network.	GTP Coordinator	As required

8.3 Walking and Cycling Actions

The GTP active transport actions are presented in Table 8.2.

Table 8.2 GTP Active Transport Actions

Action	Responsible Agent	Date to be completed
Provide lockers, showers/change rooms for those employees who wish to cycle or walk to work.	Applicant	To be completed prior to opening
Bicycle parking areas are installed in well secured and signed locations.	Applicant	To be completed prior to opening
Promote sustainable transport events such as Ride to Work and Walk to Work Day.	GTP Coordinator	Annually
Provide employees with an active transport pack that identifies the walking and cycling facilities in the area.	GTP Coordinator	On occupation and ongoing

Promote the use to active transport to employees living in reasonable proximity to the subject site.	GTP Coordinator	On occupation and ongoing
Promote awareness of cost saving and environmental benefits of active transport in comparison with car ownership and travel.	GTP Coordinator	On occupation and ongoing

8.4 Public Transport Actions

The GTP public transport actions are presented in Table 8.3.

Table 8.3 GTP Public Transport Actions

Action	Responsible Agent	Date to be completed
Provide staff with a free Myki card pre-loaded with \$10 value instead of provision of car parks or provision of company cars.	Owners Corporation /GTP Coordinator	On occupation
Provide new staff with a kit containing information on all public transport options including timetables, public transport maps, Public Transport Victoria information, locations of Myki outlets and TravelSmart map showing walking and cycling routes.	GTP Coordinator /Applicant	On occupation
Promote awareness of the area with maps and timetable information for all relative public transport. This can be achieved via notice board or information board within lifts.	GTP Coordinator	Ongoing
Promote awareness of cost saving and environmental benefits of public transport in comparison with car ownership and travel.	GTP Coordinator	Ongoing

8.5 Private Vehicles

The GTP private vehicle actions are presented in Table 8.4.

Table 8.4 GTP Private Vehicle Actions

Action	Responsible Agent	Date to be Completed
Encourage carpooling between employees to reduce single occupancy car trips.	GTP Coordinator	On occupation and ongoing

9.1 Monitoring

The GTP should be treated as a live document, one that is monitored for its effectiveness and updated as required to deliver on the identified aims and objectives.

The GTP should be reviewed annually for the first three years, and then every other year thereafter. Regular updates to the GTP are expected to reflect changes in travel mode splits and the promotion of actions that are bringing about positive changes to the way that employees travel.

9.2 Review

A GTP Coordinator should be appointed to take responsibility for monitoring and reviewing the GTP. The Coordinator would be responsible for:

- Reviewing the travel modes splits every year for the first three years and every other year thereafter, through employee surveys.
- Setting new GTP targets where necessary.
- Reviewing the action plan elements for effectiveness, adjusting as required to maintain progress towards the GTP mode split targets.
- Allocating responsibilities for the ongoing management of initiatives recommended in the GTP.
- Promoting activities and the release of information.

The outcome of the GTP actions will depend on a wide range of factors, but predominantly rely on the commitment and desire of participants to modify their travel habits. The on-going application of an effective GTP should result in a decline in car usage as other modes increase their share of the travel load.