



Land off B4265, Boverton

Residential Travel Plan

Report for
Barratt and David Wilson Homes

February 2018

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Issued by: Hydrock Consultants Limited
First Floor
Castlebridge 5
5 – 19 Cowbridge Road East
Cardiff
CF11 9AB

Tel: 02920 023665
www.hydrock.com

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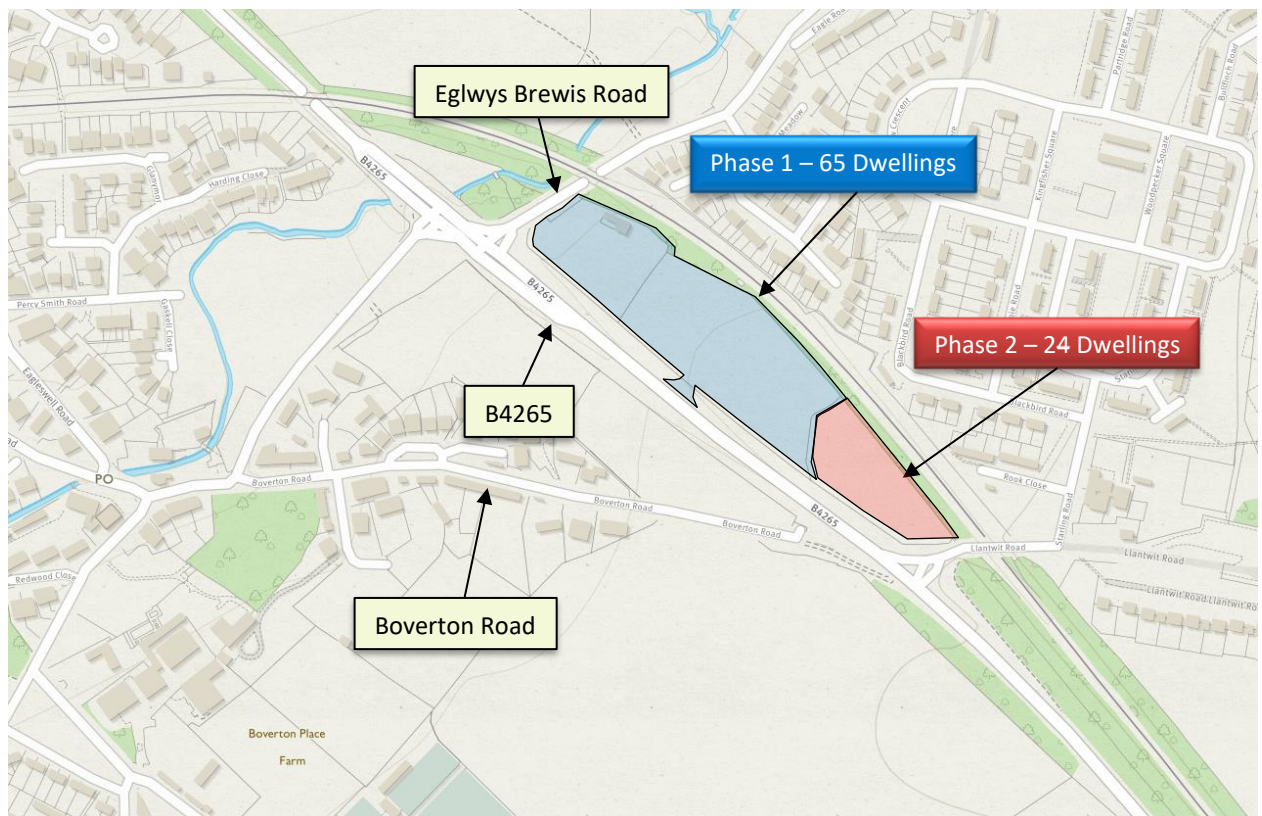
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1.0 INTRODUCTION

1.1 Overview

- 1.1.1 This Travel Plan has been prepared for the residential development on land at B4265, Boverton. Phase 1 of the overall site was for 65 dwellings and was granted planning approval in January 2018 following a resolution to grant subject to the completion of a Section 106 agreement in November 2017 (Planning Ref: 2014/00995/FUL). Phase 2 is for 24 dwellings and is subject to a separate application. This Travel Plan updates the approved Phase 1 Travel Plan to include both phases of development (89 dwellings).
- 1.1.2 The Phase 1 proposals are made up of a mix of one to four bedroom properties of which up to 30% will be affordable. Vehicular access will be provided via a new priority junction arrangement off B4265. The Phase 2 proposals will comprise one to three bedroom properties which would be accessed through the Phase 1 site.
- 1.1.3 This Travel Plan provides measures which would encompass all development on the site.
- 1.1.4 An indicative location plan for the proposed housing for both Phase 1 and Phase 2 is shown in **Figure 1.1**.

Figure 1.1: Site Location Plan



Map data © OS Mapping

- 1.1.5 In the following chapters, this Residential Travel Plan sets out the strategy that will be followed, funded by the applicant, for the duration of the Travel Plan lifecycle:
- Chapter 2 – Travel Plan – Objectives, Roles and Responsibilities



- Chapter 3 – Site Accessibility and Opportunities for Sustainable Travel
- Chapter 4 – Proposed Travel Plan Measures
- Chapter 5 – Implementation, Monitoring and Targets
- Chapter 6 - Conclusion and Timescales



2.0 TRAVEL PLAN – OBJECTIVES, ROLES AND RESPONSIBILITIES

2.1 Introduction

2.1.1 The Residential Travel Plan has been prepared to accompany the Transport Assessment, prepared by Hydrock, as part of the planning application. The Travel Plan is the same as the previous version produced for the Phase 1 site by Mayer Brown with updates as required to include the Phase 2 proposals.

2.1.2 The Travel Plan is a long-term strategy for reducing dependence of residents' travel from the site by private car, for all purposes including commuting, educational and leisure reasons. The aims of the strategy are to:

- Increase the awareness of residents to the advantages and potential for travel by more environmentally-friendly modes of transport.
- Introduce a package of physical and management measures that will facilitate resident and visitor travel by sustainable modes of transport.

2.1.3 This Travel Plan details the measures which are proposed to be introduced to encourage residents to travel by means other than the private car, and indicates how the performance of the measures will be monitored and the targets that will be set.

2.2 Travel Plan Coordinator

2.2.1 A Travel Plan Coordinator (TPC) will be appointed by the developer to operate, maintain and manage the Travel Plan. The TPC will be in role prior to occupation of the first unit, to ensure that measures such as the travel packs (see Chapter 4) are prepared prior to residents moving in. The TPC will have responsibility for:

- Updating and providing Travel Packs to new residents, as well as providing newsletters;
- Liaison with local sustainable travel operators and suppliers, to try and gain ongoing travel discounts;
- Addressing any resident questions or queries regarding travel; and
- Promotion and monitoring of the scheme

2.2.2 Barratt and David Wilson Homes Ltd will advise VoGC of the name and contact details of the TPC prior to them taking up the post, and should this person change during the lifetime of the Travel Plan, VoGC will be informed.

2.2.3 The TPC is likely to manage the Travel Plan for this site alongside those for other residential sites managed by Barratt and David Wilson Homes Ltd, and will therefore not be based on-site.

2.2.4 The TPC will be in position from the first occupation for three years (to include two years of surveys, after the initial travel survey), although their work on this site will be on a part-time basis. It is probable that the busiest periods for the TPC will be as new residents move into the new homes, as relocation to a new dwelling is a prime opportunity to consider alternative transport modes.



3.0 SITE ACCESSIBILITY AND OPPORTUNITIES FOR SUSTAINABLE TRAVEL

3.1 Proximity to Local Services and Amenities

- 3.1.1 Existing services and amenities within the village are predominantly located in a small shopping parade in Boverton, approximately 700m walk from the proposed access junction. This includes a post office, public house, fish and chip shop, vet surgery, hairdresser and garden centre.
- 3.1.2 The shopping parade can be accessed via a pedestrian crossing at the Eglwys Brewis Road junction and a pedestrian link onto Harding Close or alternatively via the walking link to Llantwit Road and then via Boverton Road.
- 3.1.3 Further afield additional services / amenities situated within Llantwit Major include primary schools (1.1km or 1.7km away) and a secondary school (approximately 1.7km walk or cycle ride), plus additional shops including banks and pharmacies (2km away). These are all located within a 30-minute walk or ten-minute cycle journey.

3.2 Walking and Cycling

- 3.2.1 Walking is the most important mode of travel at a local level as it offers the greatest potential to replace short car trips, particularly under 2km. From the application site the shopping facilities within Boverton, as well as the schools in Llantwit Major, are within a suitable (2km) walking distance.
- 3.2.2 Eglwys Brewis Road on the northern side of the application site has a footway on the southern side leading to the east, from the eastern edge of the site boundary. There are dropped kerbs adjacent to the application site boundary which lead to a footway on the northern side which continues to the west to the B4265. The railway bridge on this route acts as a pinch point and prevents provision of footways on both sides.
- 3.2.3 Pedestrian crossing facilities are provided at the junction of Eglwys Brewis Road with the B4265 towards Boverton. The footway continues for approximately 70m to the north on the western side of the B4265, separated from the road by railings, and then turns westwards to link to Harding Close. From this road, residents can then walk into Boverton and Llantwit Major. Boverton Road itself does not have a footway leading the full distance into the village and pedestrians using this route would be required to walk in the road for approximately 100m. The route via Harding Close therefore offers a safe alternative route into the village and to facilities including schools.
- 3.2.4 Public Right of Way L16/43/2 (footpath) crosses the western corner of the site. This is a short route which links Eglwys Brewis Road to Boverton Road.
- 3.2.5 There are no dedicated cycling facilities in the vicinity of the site. It is unlikely that many cyclists will choose to travel on the B4265 due to its high speeds. However, cyclists will be able to access Eglwys Brewis Road on the northern side boundary. Confident cyclists will be able to access Boverton and Llantwit Major by cycling on road and using the signal controlled junction to get to Boverton Road. Less confident cyclists will be able to push their bicycles along the footpath following the same route as pedestrians to Harding Close, from where they will be able to cycle on quiet residential streets into the villages and access the services and facilities located there.

3.3 Public Transport Accessibility

- 3.3.1 The nearest bus stops in relation to the development site are on Eglwys Brewis Road, near its junction with Church Meadow. This is approximately 200m via the western link from the site.



Table 3.1 Bus services and frequencies

Number	Route	Operator	Monday - Saturday		Sunday
			Daytime	Evening	
P138	St Athan Starling Road - Llantwit Major St Illtyd's Primary School	Watt's Coaches	One school service	No service	No service
S40	St Athan - Llantwit Major Major Comprehensive School	Watt's Coaches	One school service	No service	No service
S52	Wick Village Green - St Richard Gwyn High School	Watt's Coaches	One school service	No service	No service
X91	Cardiff - Llantwit Major	Cardiff Bus	Five services	No service	No service
303	Bridgend - Llantwit Major - Rhoose - Barry	NAT Group	Hourly	Every two hours	Four services
905	Rhoose Rail Station – Cardiff Airport	NAT Group	Six services	No Service	No service

3.3.2 **Table 3.1** indicates that there are limited frequency local bus services operating in the vicinity of the site. School services provide an opportunity for pupils to access the local schools, while route X91 provides journeys arriving in Cardiff at 08:20 and departing at 17:40 that may be suitable for commuters.

3.3.3 Route 303 offers opportunities for commuting to Barry and Bridgend, with hourly services departing from within the vicinity of the site commencing at between 0700 and 0800 and terminating at 0030.

3.3.4 The nearest railway station, Llantwit Major, is located around 2km from the application site on the Vale of Glamorgan Line, between stations located in Cardiff and Bridgend. Services to this station run hourly between Bridgend, Cardiff and Merthyr Tydfil Monday to Saturday, and every two hours on Sundays.

3.4 Summary

3.4.1 The site offers potential for travel by foot or cycle into both Boverton and Llantwit Major, as well as bus services to local schools and opportunities for commuter journeys by non-car modes to surrounding towns.



4.0 PROPOSED TRAVEL PLAN MEASURES

4.1 Secure cycle storage at every dwelling to allow residents to keep bicycles safely

4.1.1 Dwellings will have an area to store bicycles. In the houses, this will be in the curtilage of each individual dwelling. For any apartments on site, this is likely to be a communal cycle store.

4.2 Travel marketing information (Residents' Welcome Pack)

4.2.1 A range of information will be made available to potential and new residents to inform them of the options for sustainable travel from the site. Travel packs will be provided upon first occupation for new purchasers – these will include items such as bus maps and timetables, cycle maps and maps showing local facilities such as schools, shops and doctor surgeries. The TPC will compile this document prior to first occupation.

4.2.2 Travel information will be provided in the site's marketing suite, website and promotional materials.

4.2.3 Newsletters will be provided by the TPC every six months for the first three years of occupation, which will include results of any travel surveys and changes to the local travel options, and highlighting the health and economic benefits of sustainable travel.

4.3 Other measures

4.3.1 All properties will be broadband enabled, allowing residents the opportunity to work and shop from home.



5.0 IMPLEMENTATION, MONITORING AND TARGETS

5.1 Introduction

5.1.1 The previous section set out the suggested package of measures that will form the Travel Plan. This section looks at how these initiatives will be implemented and their performance monitored.

5.2 Monitoring and performance

5.2.1 The objective of the Travel Plan will be to ensure that vehicle trip generation is maintained at or below the levels forecast in the Transport Assessment that will support the planning application, in order to minimise the traffic effects of the new homes.

5.2.2 In order to determine how effective, the measures set out above have been, travel surveys will be undertaken. The first set of surveys will be taken within six months after first occupation ("Year 1"). The surveys will then be repeated every 12 months at the same time of year for the following two years, making a total of three surveys.

5.2.3 The following surveys will be undertaken:

- Multi-modal count of all trips (by mode) arriving and departing the site during a 12-hour period, to be carried out once a year at the same time of year. Pedestrians entering or exiting through the pedestrian routes will be surveyed where possible to determine their mode of travel e.g. walk, bus, car share with local drop-off
- Residents travel survey, which will ask questions about how they currently travel, any transport issues they are encountering and their attitudes towards sustainable travel. Residents will be able to complete this as a paper-based or web-based survey. A sample survey is included in **Appendix A**
- Monitoring feedback from residents about travel

5.2.4 Survey results will be provided to VoGC within three months in an annual Monitoring Report, which will include commentary on the initiatives and measures that have been provided and their effectiveness against meeting the Plan's objectives and targets.

5.2.5 A summary of the survey results will be provided to residents through the travel newsletters.

5.3 Targets

5.3.1 It is not considered appropriate to set specific modal targets for every mode, as the Travel Plan is interested in the change from private car (single occupancy journeys) to other sustainable methods. It therefore does not matter if there is variation in the exact levels of usage within the sustainable modes – e.g. if the bus target is exceeded, there would be no point in trying to get people off the bus to meet the cycle target. All modes will be measured, reviewed and discussed in the monitoring, but the targets focus on reduction of vehicular trip numbers and levels of bus usage.

5.3.2 The main target will be based around the peak hour trip rates as shown in **Table 5.1**.

5.3.3 Opportunities to encourage modal shift are at their greatest when a new resident moves into their new property with no pre-defined travel habits, hence the provision of the travel packs on occupation. Once a resident has been settled for a few weeks, their travel choices patterns become habitual and there is less opportunity to change their regular patterns of behaviour



beyond this point. As a result, an ongoing annual target for reduction in car travel is unlikely to be achievable.

5.3.4 Therefore, the targets for the site which will apply through all years will be:

Peak hour car usage will remain at or below the total peak hour trip rate levels set out in the site's Transport Assessment (pro rata for occupancy level).

5.3.5 These trip rates are shown in **Table 5.1**.

Table 5.1: Target trip rates per completed dwelling

	Arrivals	Departures	Total
AM Peak Hour	0.138	0.667	0.805
PM Peak Hour	0.600	0.313	0.912
07:00-19:00	3.381	3.393	6.774

5.3.6 The focus will be on the total trips in each peak hour, although the split between arrivals and departures will also be considered.

5.3.7 Additionally, there will be an aim to increase the proportion of residents travelling by foot and bicycle. A formal numerical target will not be set for this, until the first survey is undertaken, at which point the aim will be to retain a similar or greater proportion of residents using these modes, depending on the measured patronage.



6.0 CONCLUSIONS AND TIMESCALES

6.1 Introduction

- 6.1.1 This report sets out the detailed proposals which will form the Residential Travel Plan for the development of land to the north of the B4265 at Boverton. The measures will provide incentives and the awareness to use non-car modes. They will also be the subject of monitoring.
- 6.1.2 The TPC will manage the Travel Plan and the ongoing measures and monitoring over the longer term. Barratt and David Wilson Homes Ltd are committed to funding this role for three years from first occupation of the development. **Table 6.1** summarises the measures with timescales and relevant ownership/ responsibility.

Table 6.1 Summary of measures and timescales

Measure	Target Date	Ownership/ Responsibility
During Construction		
Provision of secure cycle storage	Provided with each completed residential unit	B&DWH / Contractor
Ensuring all properties are broadband enabled	Provided with each completed residential unit	B&DWH / Contractor
Travel marketing during sales period	During sales period	B&DWH Sales Teams
Appointment of Travel Plan Coordinator	Prior to first occupation	B&DWH
Upon first occupation		
Provision of Travel Packs	On occupation by new residents	Travel Plan Coordinator
Medium/long term		
Updating travel information (Travel Information Packs), provision of newsletter	At least every six months	Travel Plan Coordinator
Monitoring		
Annual surveys	Six months after first occupation, then yearly for two years.	Travel Plan Coordinator
Annual monitoring reports	Within three months of first survey, then yearly for two years.	Travel Plan Coordinator



APPENDICES



APPENDIX A

Sample Travel Survey





Residents Travel Survey

As part of the monitoring process for the Residential Travel Plan, we are currently conducting a Travel Survey. We would be grateful if one member of your household could complete this brief survey to help us better understand your travel patterns, needs and how we may be able to assist with your travel requirements. It will take about five minutes to complete and all responses will be treated confidentially.

A Travel Plan is a strategy for managing multi-modal access to a site or development that focuses on maximising the potential for Travel by sustainable modes of transport. The Plan is a long-term strategy that seeks to reduce the number of car-based journeys to the site by residents, by introducing a package of measures that encourage residents to travel by non-car modes of transport, and to increase resident awareness of the advantage of travel by environmentally friendly modes. The success of the Travel Plan is dependent on each resident doing their bit by travelling either by foot, bicycle, or local public transport services wherever possible.

If you have any queries about the survey, or for guidance on how to complete it, please do not hesitate to contact me at the details provided below:

Travel Plan Coordinator:

Telephone:

E-mail:

Please send the completed survey to Travel Plan Coordinator at ADDRESS. Alternatively, you may wish to complete the survey online at www.website.co.uk

About you and your home

1. Are you:

- Male
- Female

2. Which age range do you fall into?

- 16 - 25
- 26 - 35
- 36 - 45
- 46 - 55
- 56 - 65
- 66+

3. What is your postcode?

4. How many people live in your household?

- 1
 - 2
 - 3
 - 4
 - 5 or more
-



8. How often do you use the following modes of travel for journeys from your home? (Tick all modes that you ever use, for all or part of a journey, choosing the frequency with which you use them).

Trip purpose	Very often (7 or more in every 10 trips)	Quite often (between 3 and 6 out of every 10 trips)	Occasionally or fewer (2 out of every 10 trips)	Never
Walk				
Bicycle				
Bus				
Train				
Taxi				
Car – alone				
Car – with others				
Motorcycle or Scooter				
Other				

9. Have you changed your most common mode of transport since relocating to this development?

- Yes
- No

If Yes, what mode did you use previously? _____

Why did you change? _____

10. If any members of your household work, please list the towns/villages which are the main places of occupation (e.g. Llantwit Major, Bridgend, Barry, Cardiff, work from home):

About your future journeys

11. Which of the following changes would most encourage you and your family to cycle for journeys in the local area? (If you already cycle, which would you most like to see?)

- Safer, better lit cycle paths
- Improve cycle paths on the journey to town centre/rail station
- Improve cycle parking at this development
- Arrangements to buy a bicycle at discount
- Improved crossing facilities
- Improved cycle parking at local facilities – where?
- None of the above
- Other (please specify): _____



12. Which of the following changes would most encourage you and your family to use public transport for your journeys in the local area? (If you already travel to by public transport, which would you most like to see).

- More direct bus routes
- More frequent bus services
- More frequent train services
- Better lighting at bus shelters and on footpaths
- More convenient bus drop-off points
- Public transport information
- None of the above
- Other (please specify): _____

13. Which of the following changes would most encourage you and your family to walk for journeys in the local area? (If you already walk, which would you most like to see?)

- Cleaner, better maintained footpaths
- Better lighting on footpaths
- More improved pedestrian crossing points
- Slower speed limits
- Better street lighting in the local area
- None
- Other (please specify): _____

14. Which of the following changes would most encourage you and your family to car share? (If you already car share, which would you most like to see?)

- More help finding car share partners who have similar travel patterns
- More information regarding car sharing i.e. benefits and cost savings
- None
- Other (please specify) : _____

15. Did you know this development operated a Travel Plan?

- Yes
- No

16. If yes, how did you find out about the Travel Plan?

- During the sales process
- Word of mouth
- Travel pack when you moved in
- Development publication/newsletter
- Other (please specify)

17. Would you like to receive more information regarding the Travel Plan?

- Yes
 - No
-



18. Please use the following box to provide any other comments you wish to make in relation to travel in the local area:

Thank you for your time.
