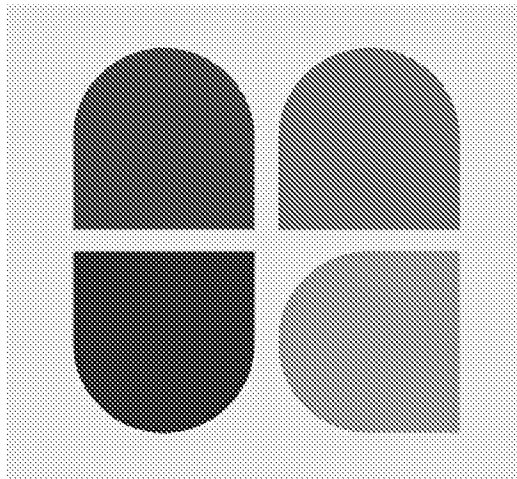




B R I G H T P L A N

**LAND TO THE NORTH OF LEE'S YARD,
LIDSEY ROAD, WOODGATE**

RESIDENTIAL DEVELOPMENT

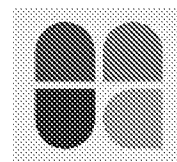
Travel Plan Statement

Prepared on Behalf of

Southern Home Ownership and Thakeham
Partnerships Ltd

6331

December 2021



DOCUMENT CONTROL

Project: Land to the North of Lee's Yard, Lidsey Road, Woodgate Residential Development

Document: Travel Plan Statement

Client: Southern Home Ownership and Thakeham Partnerships Ltd

Reference: 6331

Document Checking:

Author: EJD

Date: 30/11/2021

Checked by: ALB

Date: 30/11/2021

Approved by: ALB

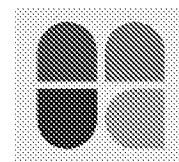
Date: 30/11/2021

Status:

Issue	Date	Status	Issued by
1.	30/11/2021	Draft	EJD
2.	09/12/2021	Final	EJD
3.	13/12/2021	Final 02	EJD
4.			
5.			
6.			

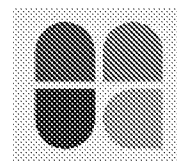
© Copyright Bright Plan Limited 2021

No part of this publication may be reproduced by any means without the prior permission of Bright Plan Limited.



CONTENTS

1	INTRODUCTION	5
1.2	What is a Travel Plan?	5
2	SITE DESCRIPTION AND ACCESSIBILITY CREDENTIALS	7
2.1	Site Description.....	7
2.2	Accessibility Credentials	7
	Pedestrian Accessibility	8
	Cycle Accessibility	9
	Accessibility by Bus	9
	Accessibility by Train.....	10
3	PROPOSED DEVELOPMENT	11
3.1	Overview	11
3.2	Vehicular Access	11
3.3	Car and Cycle Parking Provision	11
3.4	Anticipated Vehicle Trips	11
4	AIMS, OBJECTIVES AND TARGETS	13
4.1	Aims and Objectives	13
4.2	Targets.....	13
5	MEASURES AND INITIATIVES.....	14
5.1	Introduction	14
5.2	Measures and Initiatives.....	14
	Travel Information	14
	Financial Incentive	14
	Walking and Cycling	15
	Public Transport.....	15
	Car Sharing	15
5.3	Effectiveness of Travel Plan Measures.....	16
6	MANAGEMENT.....	17
6.1	Travel Plan Co-ordinator	17
6.2	Travel Audit.....	17
6.3	Action Plan	17

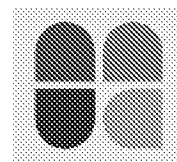


PLANS

Plan 01 Accessibility Plan

APPENDICES

Appendix A Site Layout

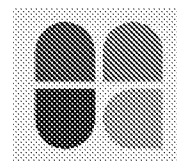


1 INTRODUCTION

- 1.1.1 This Travel Plan Statement (TPS) has been prepared by Bright Plan on behalf of Southern Home Ownership and Thakeham Partnerships Ltd to support a planning application for a residential development comprising 38 dwellings on land to the north of Lee's Yard, Woodgate.
- 1.1.2 This TPS has been designed to mitigate any long-term effect of traffic impacts associated with the development and to encourage residents to use sustainable travel methods as an alternative to private car use. This TPS sets out a number of 'hard' infrastructural and 'soft' information-led initiatives, which will be implemented at the site.
- 1.1.3 In developing this TPS, Bright Plan has reviewed relevant national guidance and best practice including West Sussex County Council's (WSCC) 'Guidance on Travel Plan Statements' (February 2017).

1.2 What is a Travel Plan?

- 1.2.1 A Travel Plan is a package of measures tailored to the needs of an individual site and aimed at promoting greener, cleaner travel choices by reducing reliance on the use of the private car. The development of such measures can enable individuals to reduce the impact of travel and transport on the environment, whilst providing a range of benefits to individuals and the local community, including financial savings.
- 1.2.2 Travel Plans are introduced predominantly for regular journeys, such as journeys to or from work and help to raise awareness of the impacts of travel decisions. In some instances, it is not practical to achieve modal shift from single occupancy car to a more sustainable mode, however by promoting existing transport options and providing a range of alternatives, there are opportunities for individuals to contribute to improving the local environment and their own personal health and well-being.
- 1.2.3 In addition, residents moving into a new home have an ideal opportunity to evaluate their travel patterns and behaviour, particularly if this is combined with the provision of relevant / up-to-date travel information.
- 1.2.4 For residents, a TP can:
- i. improve access to essential services and employment opportunities;
 - ii. help provide less stressful options for travel, particularly in relation to regular commuter journeys;
 - iii. present opportunities to incorporate physical exercise into daily routines;
 - iv. reduce journey times to local destinations;
 - v. reduce the cost of travel, or eliminate the need to buy a car; and



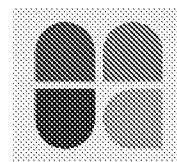
- vi. provide a more vibrant community to live in.

1.2.5 For the local community, a TP can:

- i. make local streets less congested, less dangerous, less noisy and less polluted;
- ii. enhance public transport services and associated infrastructure;
- iii. improve the environment and the routes available for cycling and walking; and
- iv. help create a place which is better to live in, work in and visit and which attracts investment.

1.2.6 For developers, a TP can:

- i. satisfy the requirements of local planning and highway authorities, permitting development; and
- ii. enhance an establishment's image ('green credentials' and 'social corporate responsibility').



2 SITE DESCRIPTION AND ACCESSIBILITY CREDENTIALS

2.1 Site Description

- 2.1.1 The application site encompasses an area of approximately 1.5ha on the eastern side of the A29 Lidsey Road, comprised of a large open field. The site's location is shown in **Figure 2.1**.

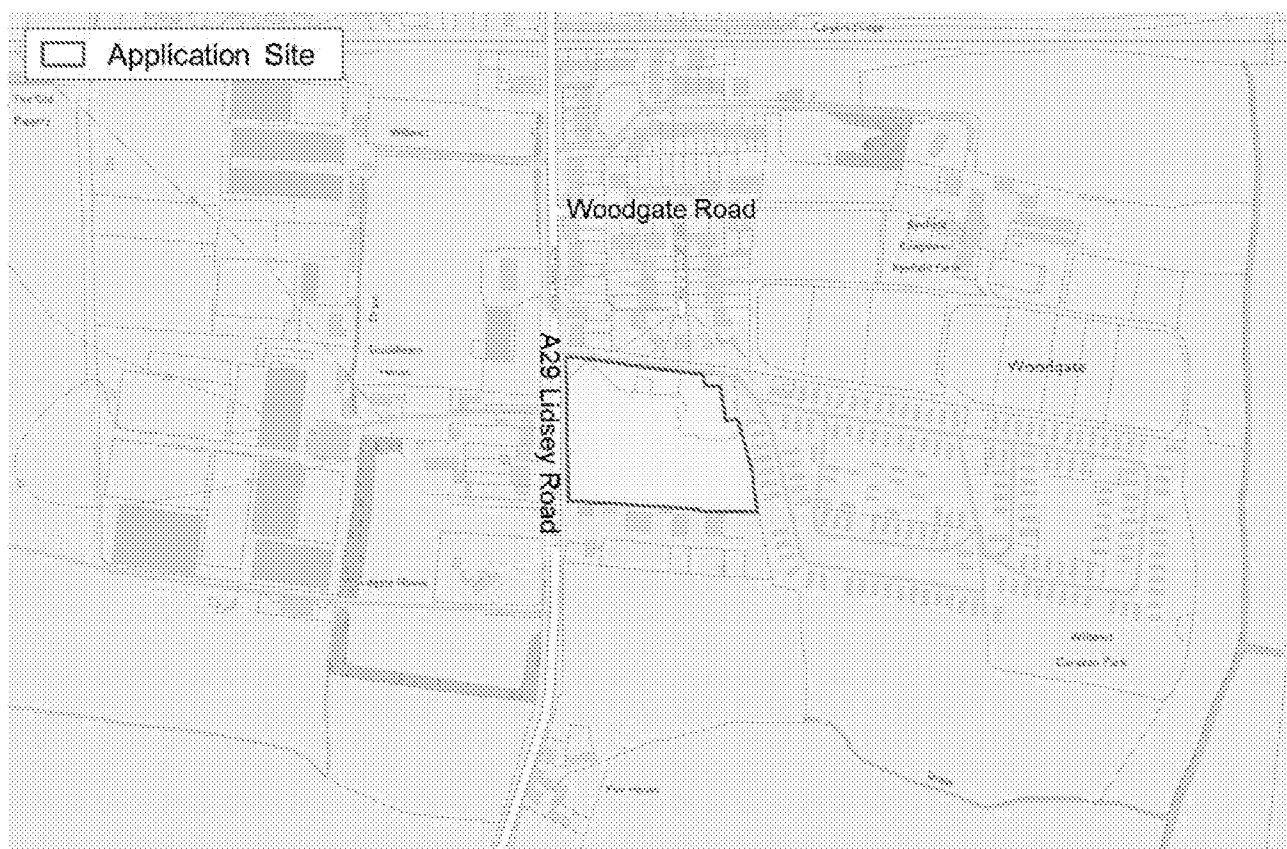
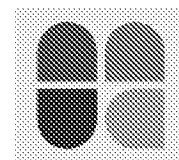


Figure 2.1: Site Location

2.2 Accessibility Credentials

- 2.2.1 The application site is located approximately 400m to the south of Woodgate village centre (equating to a 5-minute walk), and c.1km to the south of Westergate's facilities and amenities (15-minute walk). All walking times are based on the Chartered Institute for Highways and Transport (CIHT) guidance 'Providing for Journeys on Foot'.
- 2.2.2 The CIHT guidance states that facilities situated within 2km and 8km are accessible to pedestrians and cyclists respectively. The proximity of public transport, shopping services and other local amenities are demonstrated on **Plan 01** and **Figure 2.2**.



Destination	Distance from Site	Walk / Cycle Time
Convenience Shop	400m	4 min walk
GP	2.4 km	8 min cycle
Public House	280m	4 min walk
Bus Stop	100m	1 min walk
Train Station	4km	13 min cycle
ATM	400m	4 min walk
Bus Stop (with services to Chichester)	1.7 km	21 min walk
Nearest Primary School	650m	8 min walk
Nearest Secondary School	1.9km	23 min walk / 8 min cycle

Figure 2.2: Site Proximity to Amenities

2.2.3 It is noted that the 'Aldingbourne Village Stores' site is in the process of being redeveloped, and will comprise a new Co-op Food store (planning ref: AL/89/20/PL). As such, this has been included in **Figure 2.3**.

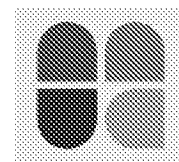
2.2.4 In addition, there are a number of infrastructure improvements which will be constructed in association with neighbouring development sites, including new footways and crossings, and new bus stop infrastructure. These improvements are addressed further below.

Pedestrian Accessibility

2.2.5 Lidsey Road is supported by lit footways either side of the carriageway. These provide access to local bus stops, day-to-day amenities and the established residential areas of Woodgate, Westergate and Eastergate to the north and north-east. To the south of the site the footway extends for approximately 100m.

2.2.6 The consented Wings Nursery development includes the provision of new pedestrian infrastructure along Lidsey Road. These works include:

- i. A new footway on the western side of Lidsey Road running along the frontage of the current application site, up to Lee's Yard. The footway will connect to the footway on the eastern side of the road by way of a dropped kerb/tactile paving crossing.
- ii. Widening of the existing footway on the eastern side of Lidsey Road.
- iii. A series of uncontrolled pedestrian crossings situated in the following locations:
 - a. Lidsey Road adjacent to the junction of Woodgate Road / Lidsey Road to facilitate pedestrian movement across Lidsey Road;
 - b. At the junction of Woodgate Road / Lidsey Road along the footway flanking the eastern side of Lidsey Road;



- c. At the junction of Oaktree Lane / Lidsey Road along the footway flanking the eastern side of Lidsey Road;
- d. Lidsey Road on the frontage of the current application site, in close proximity to the relocated bus stop.
- e. Crossing will also be provided across the Wings Nursery access points.

2.2.7 The Chartered Institute of Highways and Transportation (CIHT) publication 'Providing for Journeys on Foot' (2000) states that the average length of a journey on foot is 1 kilometre. It further recommends a preferred maximum walking distance of 2 kilometres for commuting journeys. As shown on the attached **Plan 01**, local bus stops and convenience shopping facilities are within 1km of the site.

Cycle Accessibility

2.2.8 The CIHT's publication 'Cycle Friendly Infrastructure' (1996), suggests that reasonably fit individuals can comfortably cycle a distance of 8 kilometres to workplace destinations. The surrounding villages of Fontwell, Walberton and Barnham, including Barnham railway station are therefore accessible by bicycle.

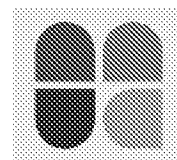
Accessibility by Bus

2.2.9 The site currently benefits from bus stops located c.30m to the north of the site which serve northbound and southbound buses, however the stops will be improved in conjunction with the consented Wings Nursery development. The improvements will include the repositioning of the southbound bus stop centrally along the site frontage, as well as the provision of a new shelter and seating. At the northbound bus stop, a new shelter and a larger area of hardstanding will also be provided.

2.2.10 The bus stops are served by no.66A and 66C services, which operate on a frequent basis Monday to Saturday, providing access to local destinations including Bognor Regis, Westergate and Yapton. The bus services provide opportunities for interchange with local and national rail services at both Bognor Regis and Barnham railway stations. A summary of available bus services is provided in **Figure 2.3**.

Service No.	Route Summary	Typical Daytime Frequency	Operating Hours
66A	Bognor Regis – Yapton – Bognor Regis	Mon-Sat: every 3-4 hours	Mon-Fri: 07:23-17:52 Sat: 07:27-18:13
66C	Bognor Regis – Yapton – Bognor Regis	Mon-Sat: every 4 hours	Mon-Sat: 08:27-16:47

Figure 2.3: Bus Services Available from Willows Caravan Park Bus Stops

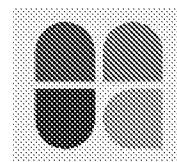


Accessibility by Train

2.2.11 Barnham railway station is located to the east of the site and is accessible via an approximate 4km cycle. The station provides access to regular rail services to a range of local and regional destinations, as identified in **Figure 2.4**.

Destination	Route Summary	Typical Journey Time	Typical Frequency
Bognor Regis	Barnham – Bognor Regis	6 – 8 min	4 every hour
Littlehampton	Barnham – Ford – Littlehampton	9 – 11 min	2 every hour
Portsmouth	Barnham – Chichester – Havant – Portsmouth	31 – 44 min	3 every hour
Brighton	Barnham – Worthing – Shoreham-by-sea – Hove – Brighton	40 – 46 min	2 every hour
Southampton	Barnham – Chichester – Havant – Fareham – Southampton	1hr 5min – 1hr 7min	2 every hour
London Victoria	Barnham – Horsham – Crawley – Gatwick Airport – Clapham Junction – London Victoria	1hr 22min – 1hr 37min	4 every hour

Figure 2.4: Rail Services Available from Barnham Railway Station



3 PROPOSED DEVELOPMENT

3.1 Overview

- 3.1.1 The proposed development will comprise 38 new dwellings. The proposed site layout is attached at **Appendix A**, and the proposed accommodation schedule is provided in **Figure 3.1**.

Unit Type	No. of Units
2 Bedroom House	19
3 Bedroom House	14
4 Bedroom House	5
Total	38

Figure 3.1: Accommodation Schedule

3.2 Vehicular Access

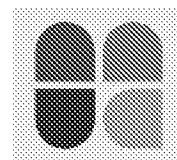
- 3.2.1 Vehicle access to the site will be served from a reconfigured access in the location of the existing Willows Caravan Park access.
- 3.2.2 Pedestrian access to the site will be served from a 2.0m wide footway flanking the southern side of the site's access road, connecting with the new footway associated with the Wings Nursery development to the south of the access. Crossing facilities in the form of dropped kerbs and tactile paving will be provided to facilitate pedestrian movements across the access.

3.3 Car and Cycle Parking Provision

- 3.3.1 The site will provide 89 car parking spaces, including 8 visitor spaces, in accordance with ADC's car parking standards.
- 3.3.2 Each dwelling will be provided with 2 cycle parking spaces within secure cycle stores situated in the rear gardens of the dwellings, in accordance with ADC's cycle parking standards.

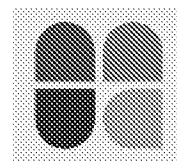
3.4 Anticipated Vehicle Trips

- 3.4.1 The site's anticipated vehicle trip generation has been determined using trip rates established by the TRICS trip assessment undertaken within Bright Plan's accompanying Transport Statement. The trip rates have been applied to 38 dwellings to provide the trip generation for the site. The anticipated vehicle movements associated with the site is provided in **Figure 3.2**.



TRICS Trip Rate per Dwelling			
	Arrivals	Departures	Two-way Total
AM Peak Hour	0.161	0.355	0.516
PM Peak Hour	0.352	0.142	0.494
Daily Traffic	2.396	2.410	4.806
TRICS Vehicle Trip Generation (38 Dwellings)			
AM Peak Hour	6	13	20
PM Peak Hour	13	5	19
Daily Traffic	91	92	183

Figure 3.2: Anticipated Trip Generation



4 AIMS, OBJECTIVES AND TARGETS

4.1 Aims and Objectives

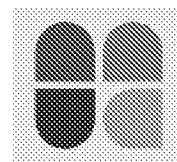
4.1.1 The aim of this TPS is to reduce the long-term reliance upon the private car by changing attitudes to travel, and increasing awareness of alternative modes and the associated benefits of sustainable transport.

4.1.2 The objectives of this TPS can therefore be summarised as follows:

- i. To minimise the number of residents travelling as single occupancy car drivers for various journey purposes to and from the site;
- ii. To identify a range of 'hard' and 'soft' measures that will facilitate a reduction in the generation of private vehicle trips and increase the uptake of sustainable travel modes;
- iii. To promote the financial, environmental and personal health benefits associated with the 'active' travel modes of walking and cycling;
- iv. To promote the TPS and encourage participation amongst residents within national travel awareness events such as 'Bike, Walk and Liftshare' week.

4.2 Targets

4.2.1 Targets give Travel Plans direction and provide a measurable goal to aim for. This TPS will aim to reduce the number of private car trips to the site by 10% over the first 5 years of occupation.



5 MEASURES AND INITIATIVES

5.1 Introduction

- 5.1.1 This section provides commitments to a range of measures and initiatives that will be implemented at the site that are appropriate to the site's location and existing transport infrastructure and services within the surrounding area.

5.2 Measures and Initiatives

Travel Information

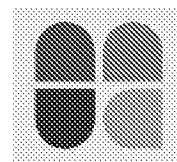
- 5.2.1 In order to raise awareness of the TPS and associated measures, information pertaining to all sustainable travel modes will be provided to residents as they move into their new homes. The information will be compiled into a Travel Welcome Pack (TWP) and will include:

- i. An outline of the main aims / objectives and the role of individuals in achieving the aspirations of the TPS;
- ii. Details of the financial, environmental and personal health benefits associated with the 'active' travel modes of walking and cycling;
- iii. Local walking and cycling route maps;
- iv. Public transport fares and maps showing the location of the nearest bus stops / rail station and up-to-date bus and rail service timetables;
- v. Details of local facilities / services within the surrounding area; and
- vi. Contact details of the appointed Travel Plan Co-ordinator.

Financial Incentive

- 5.2.2 To encourage residents to start using alternative modes of transport to the private car, a travel voucher will be provided to the first occupants of each household within the TWPs. The voucher will have a value of £150 and could be exchanged for one of the following:

- i. A contribution to a new bicycle or other cycling equipment.
- ii. Bikeability training courses.
- iii. A season ticket for a local bus service.
- iv. A rail season ticket.



Walking and Cycling

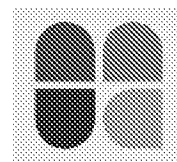
- 5.2.3 Walking and cycling play a vital role in healthy and active lifestyles and if convenient and safe links are available there is significant opportunity to reduce the need for short journeys, typically less than 2 kilometres in length, to be undertaken by car, thus reducing the level of traffic on the surrounding highway network.
- 5.2.4 To encourage travel on-foot, information on local walking routes, including approximate journey times, will be promoted together with events linked to annual national travel awareness campaigns such as 'Walk-to-Work Week'.
- 5.2.5 To encourage travel by cycle, information about cycle routes and storage facilities at local destinations will be providing, and information for free health apps such as Strava, Endomondo, etc. will be promoted alongside campaigns such as 'Bike Week'.
- 5.2.6 The TPC will promote bike shop discounts which have been negotiated by WSCC. Details are available at <https://www.westsussex.gov.uk/roads-and-travel/travel-and-public-transport/travelwise-sustainable-transport/cycle-to-work-scheme/>. Residents may also be eligible to purchase a bicycle through the 'cycle-to-work' scheme.
- 5.2.7 Details of WSCC's adult cycle training courses will be promoted to all residents to help those with a lack of confidence and safety concerns to encourage residents to consider cycling as a viable method of travelling to work.
- 5.2.8 In addition, the travel voucher issued to each household could be used towards the cost of a bicycle/cycling equipment, or to fund Bikeability cycle training courses.

Public Transport

- 5.2.9 To promote the use of existing public transport services, up-to-date and relevant timetable / route map information will be provided to new residents. This will include a list of services and destinations available from local bus stops and Barnham railway station.
- 5.2.10 In addition, the travel voucher issued to each household could be exchanged for a bus or rail season ticket, allowing residents to trial public transport for free.

Car Sharing

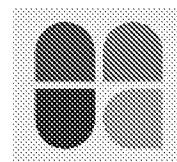
- 5.2.11 Car sharing involves two or more people travelling together for all or part of a journey. It represents a relatively convenient, flexible and cost-effective mode of travel for residents living and working in similar locations.



- 5.2.12 To promote car sharing, West Sussex's car sharing website, www.westsussexcarshare.com, part of www.liftshare.com (the UK's largest car share database) will be promoted to residents. This service is free to sign up to and aims to facilitate car sharing on a regular basis by enabling users to contact others who they could potentially share with.
- 5.2.13 The Liftshare website provides a 'savings calculator' to enable members to work out the cost savings of car sharing as part of a regular journey. It is noteworthy that for journeys comprised of 10 miles, an individual can save in the order of £464 per annum when sharing with one other person, and £928 per annum when sharing with two others.

5.3 Effectiveness of Travel Plan Measures

- 5.3.1 The measures and initiatives detailed above will reduce the level of car use associated with the site, consequently increasing the use of sustainable modes and achieving the target set. However, the list is not exhaustive and the appointed TPC is encouraged to investigate other potential initiatives, especially those which will reduce the number of trips made by car.



6 MANAGEMENT

6.1 Travel Plan Co-ordinator

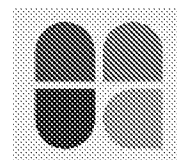
- 6.1.1 The TPC is responsible for implementing and promoting the Travel Plan Statement. This includes providing residents with up-to-date travel information and communicating with WSCC's Travel Plan Officer.
- 6.1.2 The TPC will be responsible for undertaking the following key tasks:
- On-going promotion / marketing of the TPS and associated measures described in **Section 5**;
 - Organising the implementation of a baseline Travel Audit;
 - Acting as the main point of contact for residents, WSCC's Travel Plan Officer and other relevant stakeholders.
- 6.1.3 To ensure effective communication between residents and other internal / external stakeholders, the contact details of the Travel Plan Co-ordinator including telephone number and e-mail address will be provided to residents within the TWPs.

6.2 Travel Audit

- 6.2.1 As this TPS support a new development, the TPC will be required to undertake a Travel Audit within 3 months of operation to determine baseline travel patterns and behaviour of residents. The audit will utilise resident's travel surveys which will comprise of a number of questions relating to travel patterns (i.e. travel modes, distance and journey times). Respondents to the survey will also be requested to provide their comments on existing measures as well as suggest potential improvements. To ensure a reasonable level of response, a paper version of the travel surveys will be distributed to each household.
- 6.2.2 The Travel Plan Co-ordinator will update the TPS and issue to WSCC's Travel Plan Officer for comment and discussion, as well as being filed for records.
- 6.2.3 To maintain the emphasis of the TPS it is suggested that the results of the Travel Audit are communicated to all residents.

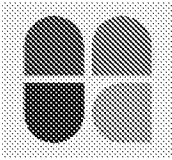
6.3 Action Plan

- 6.3.1 An action plan is presented below in **Figure 6.1**, highlighting relevant measures, timescales and the individuals responsible for ensuring the co-ordination / implementation of the TPS.



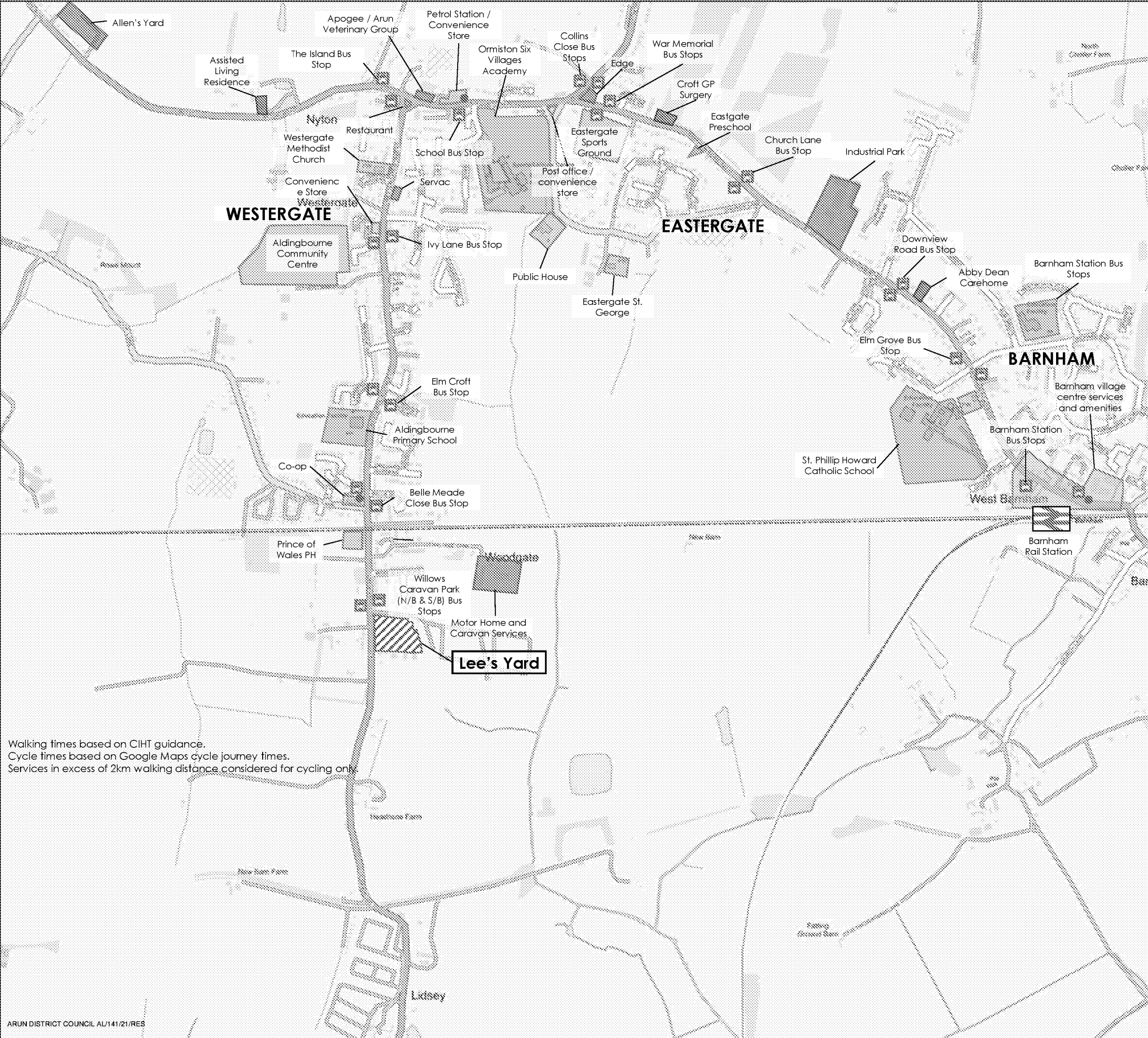
Measures	Timescales	Responsibility
Appoint Travel Plan Co-ordinator to oversee the implementation of sustainable travel measures	Upon acceptance of this Travel Plan Statement	Developer
Submit contact details of appointed TPC to WSCC	Within the first 3 months of acceptance of Travel Plan	TPC
Prepare Travel Welcome Pack and send to residents	Within the first 1 month of first occupation	TPC
Conduct Travel Audit	Within the first 3 months of occupation	TPC
Update TPS and submit to WSCC's Travel Plan Officer for review	Within the first 3 months of occupation	TPC
Display results of Travel Audit on on-site noticeboard	Within the first 3 months of occupation	TPC
Promote sustainable travel awareness events	As and when events occur	TPC

Figure 6.1: Action Plan



PLANS

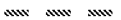
Plan 01 Accessibility Plan



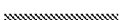
LEGEND

 SITE LOCATION

 RAIL STATION

 RAILWAY

 BUS STOPS

 CYCLE ROUTES

 NATIONAL CYCLE ROUTE

 2KM WALK ISOCHRONE

 RETAIL

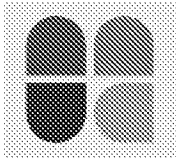
 EDUCATION

 LEISURE

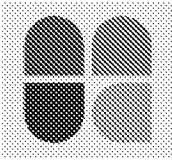
 HEALTH CARE

 EMPLOYMENT

Distances to Amenities		
Destination	Distance from Site	Walk / Cycle Time
Convenience Shop	400m	4 min walk
GP	2.4 km	8 min cycle
Public House	280m	4 min walk
Bus Stop	100m	1 min walk
Train Station	4km	13 min cycle
ATM	400m	4 min walk
Bus Stop (with services to Chichester)	1.7 km	21 min walk
Nearest Primary School	650m	8 min walk
Nearest Secondary School	1.9km	23 min walk / 8 min cycle



APPENDICES



Appendix A Site Layout



NOTES

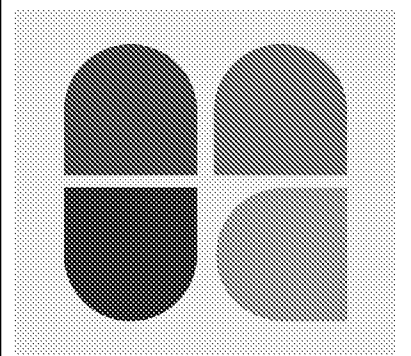
A3

1. This drawing is to be read in conjunction with all other Bright Plan drawings, and with all relevant Architect's and Engineer's drawings and specification. Any discrepancies found are to be reported immediately to the Engineer.
2. Bright Plan accepts no responsibility for inaccuracies in data provided by third parties such as topographic surveys or Ordnance Survey mapping.
3. Do not scale, work to figured dimensions only. All dimensions are in millimetres unless noted otherwise and all levels are in metres from the topographic survey datum.
4. Any information given regarding existing underground services is given in good faith after consultation with the relevant authority, however accuracy is not certain.

-Legend-

- | | |
|---------------------|----------------------------------|
| ===== | Application Boundary |
| | Existing Road Markings |
| xxxxx xxxxxx xxxxxx | Visibility Splay
2.4m x 25.0m |

C	Revised Client Name	13/12/2021
B	Revised Notes	01/12/2021
A	Revised Layout	29/11/2021
-	Original Issue	08/11/2021
Rev.	Amendments	Date



BRIGHT PLAN
Transport Planning and Civil Engineering Consultants
2 West Barn, Norton Lane, Chichester, West Sussex: PO20 3AF
Tel: 01243 210418 Email: enquiries@bpcivils.co.uk
www.bpcivils.co.uk

Drawing Status		Final	
Client			
Southern Home Ownership and Thakeham Partnerships Ltd			
Project		Lees Yard, Lidsey Road, Woodgate	
Drawing Title			
Site Overview			
Scale	Date	Drawn By	Checked
1:500	Dec 21	SMO	ALB
Drawing No.			Rev.
2021-6331-000			B

ARJUN DISTRICT CO-ORDINATOR AL/141/21 RES