

# Land North of Don White Road

Wellingborough

Employee Travel Plan

# LAND NORTH OF DON WHITE ROAD

# WELLINGBOROUGH

# EMPLOYEE TRAVEL PLAN

For

Covanta

DATE: April 2022 REV: P03 P21-340 21340-RLL-22-XX-RP-D-5002



# **Document History**

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# Contents

1.0	Introduction	1
1.1. 1.2.	General Site Location	1
1.3. 1.4.	Relevant Transport Planning Policy Report Structure	3
2.0	Existing Conditions	4
2.1.	The Application Site	4
2.2.	Public Transport: Bus Services	4
2.3.	Walking and Cycling	5
2.4.	Accessibility to Local Facilities	8
3.0	Site Operation	9
4.0	Travel Plan Objectives and Targets	10
4.1.	Introduction	10
4.2.	Objectives	10
4.3.	Targets	11
5.0	Travel Plan Management	12
5.1.	Travel Plan Coordinator	12
6.0	Travel Plan Measures	13
6.1.	Measures	13
6.2.	Travel Plan Toolkit	14
7.0	Monitoring	18
7.1.	Surveys	18
7.2.	Monitoring Report	18
Арр	pendices	19

# **Figures**

Figure 1: Site Location2Figure 2: Walking Catchment6Figure 3: Cycle Catchment7

# **Tables**

Table 1: Local Bus Timetable in Wellingborough	4
Table 2: Accessibility to Key Facilities via Sustainable Transport	8
Table 3: Hours of Operation	9
Table 4: Mode Share Baseline and Targets – MSOA Wellingborough 002	11
Table 5: Travel Plan Toolkit	15

# **Appendices**

Appendix A – Site Layout Appendix B – Public Transport in Wellingborough Appendix C – Wellingborough Cycle Network



# **1.0 Introduction**

#### 1.1. General

Rodgers Leask Ltd (RLL) have been appointed by Covanta to provide transport planning advice, as well as produce relevant reports, in support of a planning application for an aggregate processing plant and erection of a hydraulically bound mixtures plant (HBM) with parking provision, ancillary development and on-site biodiversity enhancements on Land North of Don White Road, Wellingborough.

The proposed layout of the site is shown on the site layout included as **Appendix A**.

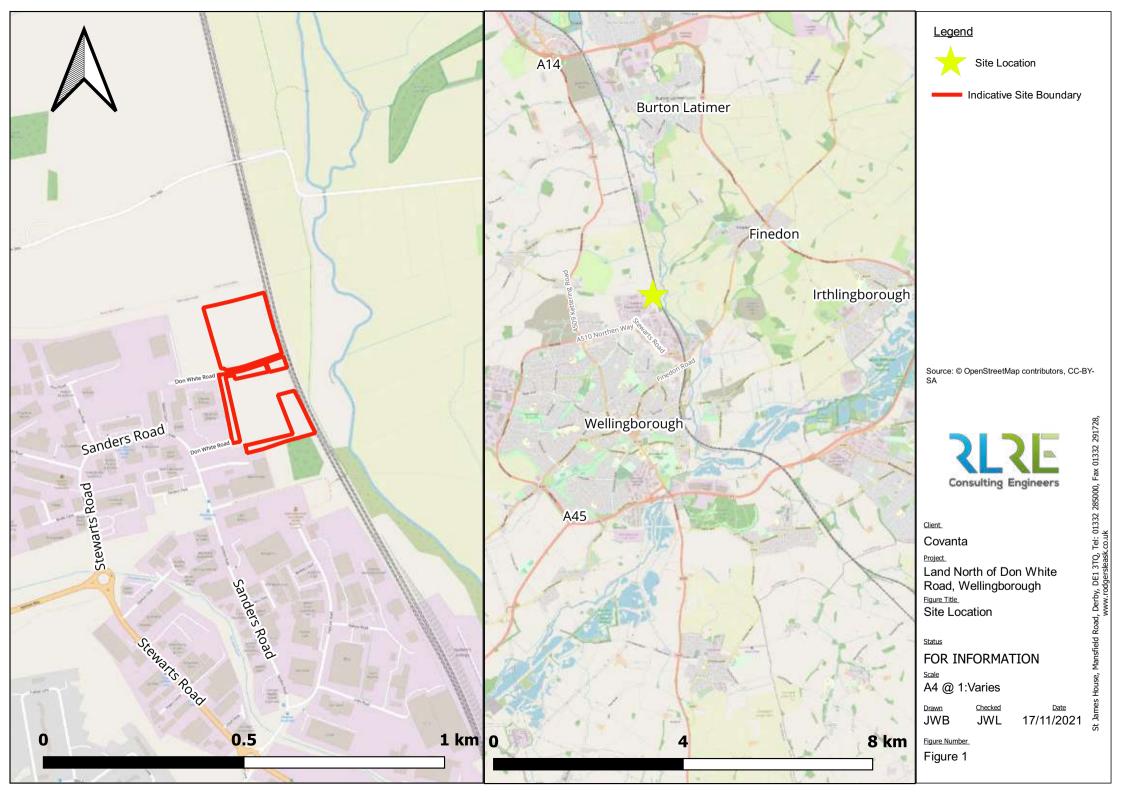
This Travel Plan (TP) document has been prepared as part of the planning application. The TP is a "live" document which is to be referred to and updated periodically throughout the life of the development.

#### 1.2. Site Location

The site is approximately 2 miles from the centre of Wellingborough within the existing employment area of the Finedon Road Industrial Estate. The Industrial Estate itself contains a mixture of B1 (Business), B2 (General Industrial) and B8 (Storage and Distribution) land uses.

The midlands mainline forms the eastern boundary of the site with Don White Road forming the southern boundary. An existing B8 use abuts the western boundary with existing agricultural land forming the northern boundary. The location of the site in the local context of the Finedon Road Industrial Estate and in the wider context of Wellingborough is shown in **Figure 1**.





#### **1.3.** Relevant Transport Planning Policy

A review of the relevant transport policy and technical guidance, both at national and local levels, has been undertaken to consider the development proposals within this policy framework.

The following policy and technical guidance documents have been considered:

- The National Planning Policy Framework (July 2021)
- Department for Transport (DfT) Planning Practice Guidance on Travel Plans, Transport Assessments and Statements (March 2014)
- Northamptonshire Smarter Travel Choices Strategy (January 2013)

#### 1.4. Report Structure

This TP is set out as follows:

- **Section 2.0** presents a site assessment, which includes a review of the existing local sustainable transport options and facilities.
- Section 3.0 presents the proposed site operation
- Section 4.0 sets out the Travel Plan Objectives and Targets.
- Section 5.0 sets out details of the Travel Plan Management.
- Section 6.0 presents the suggested Measures of the Travel Plan
- **Section 7.0** describes the TP monitoring requirements.



# 2.0 Existing Conditions

#### 2.1. The Application Site

The site lies within the established Finedon Road Industrial Estate. The IBA processing plant will take access from Sanders Road off Don White Road, which subsequently takes access from the A510 Northen Way / Stewarts Road roundabout and the Rixon Road / Stewarts Road Roundabout.

#### 2.2. Public Transport: Bus Services

The Northamptonshire Smarter Travel Choices Strategy (2013) says 'when it comes to getting people to use buses there needs to be investment in marketing to make people see the bus as a realistic alternative to using their own car.'

The nearest bus stops to the site are situated on Nest Lane. This stop is approximately 1.5km to the south-west of the site on Nest Lane. Additional bus stop are approximately 1.9km to the south of the site on Finedon Road. All these stops can be accessed by existing footways The local bus services, routes and frequencies are listed below in **Table 1**. The local bus routes are shown in **Appendix B**.

Bus Service and		Weekday			Weekend	
Nearest Stop to the Site	Start Time	Frequency	End Time	Start Time	Frequency	End Time
		W	2			
Wellingborough Circular Route (Nest Lane)	07:40	30 mins	19:27	07:40	30 Mins (Saturday)	19:27
		47/	48			
Kettering – Wellingborough (The Locomotive Public House)	07:12	30 mins	20:12	07:27	Every 2 Hours Saturday Service Only	18:27
Wellingborough – Kettering (The Locomotive Public House)	06:50	30 mins	19:30	06:47	Every 2 Hours Saturday Service Only	19:47

#### Table 1: Local Bus Timetable in Wellingborough



#### 2.3. Walking and Cycling

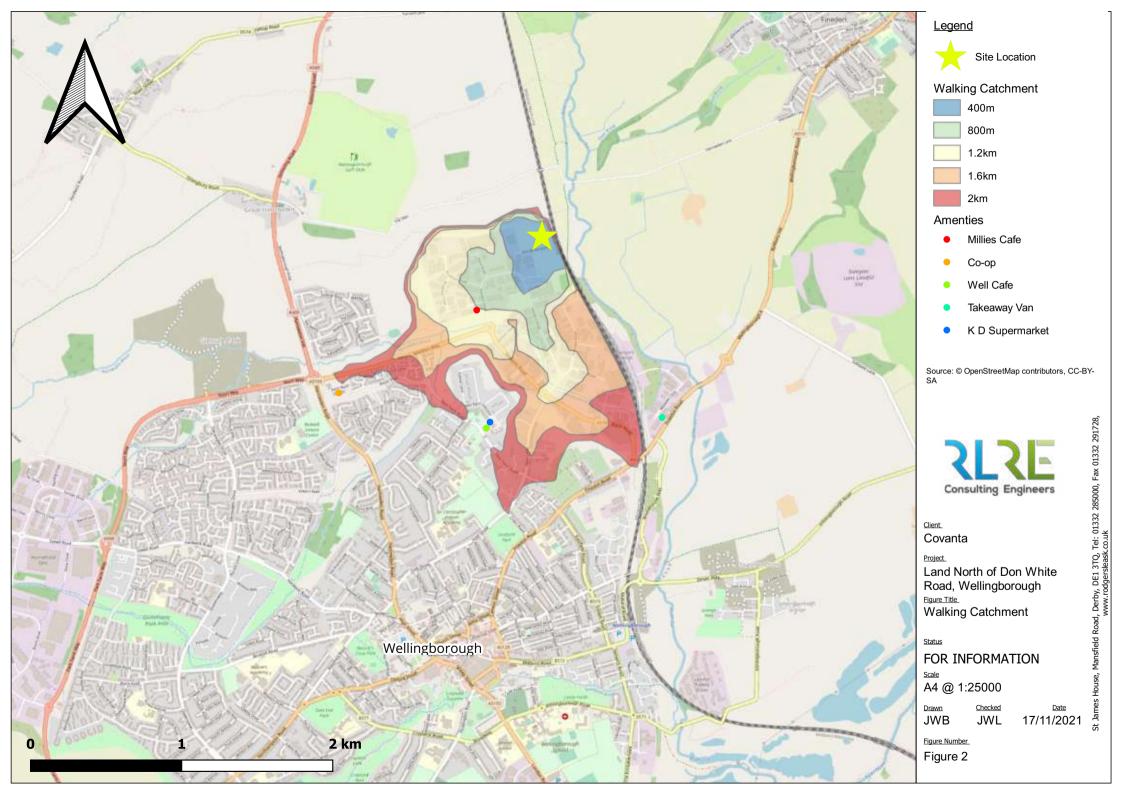
The main estate road of Sanders Road has footways either side of the carriageway and allows for pedestrian movements through the Finedon Road Industrial Estate. There is no specific cycle infrastructure within the industrial estate with the nearest designated infrastructure being the segregated cycle track connecting Stewarts Way with Nest Farm Road. This track can be used by both pedestrian and cyclists and provides a traffic free route between the Finedon Road Industrial Estate and the residential areas to the north of Wellingborough.

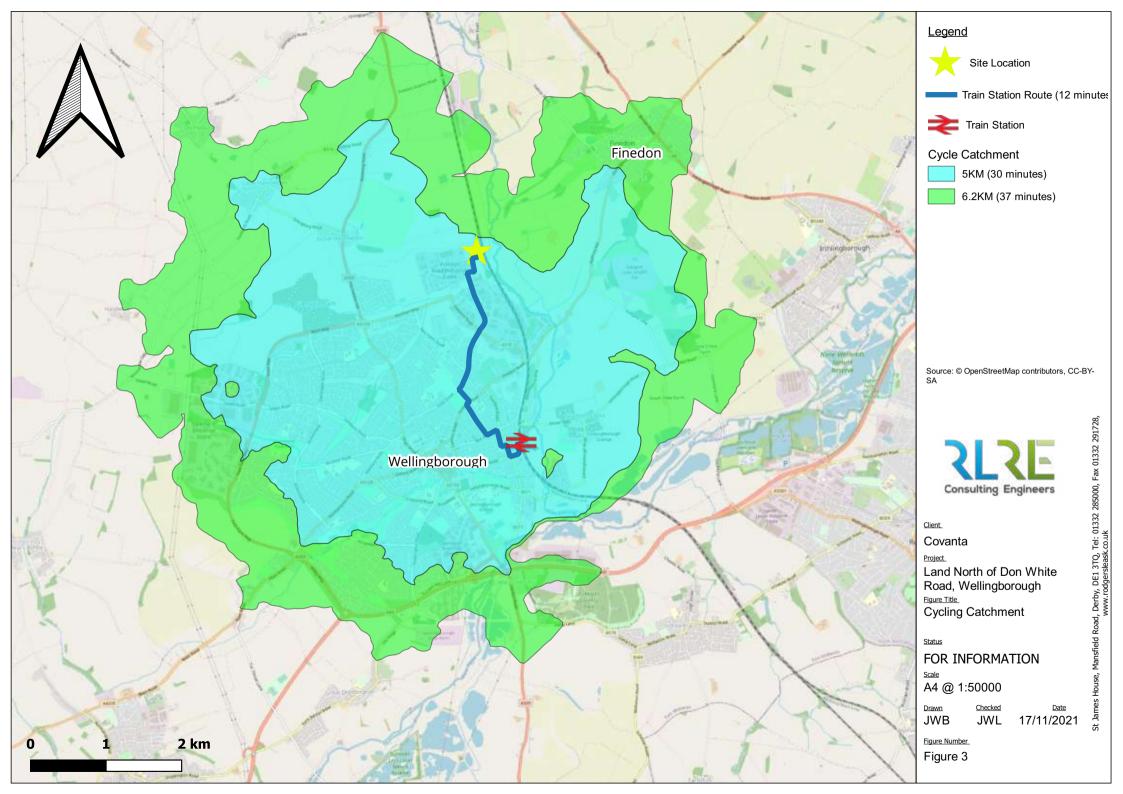
The Chartered Institute for Highways and Transport (CIHT) in their 'Guidelines for Providing for Journeys on Foot' (2000) document, suggest a preferred maximum walking distance of 2km for commuting. A plan illustrating the geographical area within 2km of the site that are accessible by existing pedestrian routes is shown in **Figure 2**.

A map of the Wellingborough Cycle Network has been produced by North Northamptonshire which has been included as **Appendix C**. Sanders Road, Stewarts Road and Rixon Road are highlighted as 'busy roads, mostly low speeds with some complicated traffic movements'. Busy roads are labelled as being for cyclists with a medium to high level of skill. Don White Road is highlighted as accommodating 'moderate traffic and usually low speeds with turning and parking movements'. This map also highlights the cycle track that routes on an east west axis to the south of the A510.

As stated in the DfT Local Transport Note 1/20 "Cycling Infrastructure Design", the average cycling speed is 16.1kph/10mph. Findings from the National Travel Survey 2019 indicate that the average cycle time is approximately 23 minutes per trip. This results in an average distance of 6.2km travelled. **Figure 3** shows the 5km and 6.2km cycling catchments from the centre of the site to the surrounding area. The figure demonstrates that the whole of Wellingborough is accessible by bicycle.







#### 2.4. Accessibility to Local Facilities

The accessibility of local facilities in the area surrounding the Finedon Road Industrial Estate has been considered for future employees of the site. Walking and cycling times have been calculated based on the shortest possible routes between the centre of the site and the facilities based on an average walking speed of 1.4m/s (CIHT) and cycling speed of 10mph (LTN 1/20).

Where applicable, the journey time for using a local bus service has been included. It should be noted that the bus journey times include all parts of the journey (i.e. walking to/from the stops at the origin and destination, transfer times). Public transport times have not been assessed where a walking/cycling trip time is shown to be 15 minutes or less; any trips exceeding 90 minutes have also been disregarded as these are excessive.

**Table 2** provides the journey times when using sustainable forms of travel to access the local facilities from the centre of the site. The facilities listed are examples of existing local amenities considered of key importance and it does not represent an exhaustive list.

Service Category	Local	Approx. Dist.	Approx. Journey Time (mins)		
	Facility/Amenity/Service	(km)	Foot	Bicycle	Bus
Food Retail (Cafe)	Millie's LTD	0.74	9	2	N/A
Food Retail (Supermarket)	Co-Op Food	2.25	24	7	N/A
Food Retail (Cafe)	Well Cafe	2.27	24	8	N/A
Food Retail (Supermarket)	K D Supermarket	2.28	26	9	N/A
Food Retail (Cafe)	Takeaway Van	2.41	27	7	N/A
Town Centre	Wellingborough	3.06	39	13	34
Transport	Wellingborough Train Station	3.38	41	12	33

#### Table 2: Accessibility to Key Facilities via Sustainable Transport

Due to the site being in an industrial estate, the local facilities are primarily in the urban areas of Wellingborough. There is a cafe located 0.74km from the centre of the site (9-minute walk), and a convenience store located just under 2km away from the site (24-minute walk).



## 3.0 Site Operation

The proposed development will be operated by Day Group Ltd, a company experienced in the removal of IBA, as well as in the recycling and marketing of incinerator bottom ash aggregate (IBAA).

The proposed Wellingborough Aggregate Processing Plant will be able to process 200,000 tonnes of aggregate per annum. The day-to-day operation of the site will see the arrival of Incinerator Bottom Ash (IBA) which will be blended with Primary Aggregate to create IBAA for delivery off-site. Unprocessed IBA will be brought to the site using HGV tipper vehicles. The material will be assessed on arrival and stockpiled until it has suitably aged prior to processing. The IBA is then screened to separate the ferrous and non-ferrous metals for external recycling, re-screening, then further metal removal and then the final product is stockpiled. This IBA is then blended with primary aggregates to various specifications to create IBAA for sale on the open market to local customers.

It is expected that the Wellingborough site will employ approximately 20 staff. The site is expected to operate on the shifts listed below:

- Day / Main Shift (06:00 16:00)
- Late Shift (16:00 22:00)
- Night Shift (23:00 06:00) Should vehicles require loading / unloading

The proposed hours of operation for the Wellingborough site are listed below in **Table 3.** 

#### Table 3: Hours of Operation

IBA and HBM Processing	Maintenance
06:00 - 23:00	04:00 - 00:00



# 4.0 Travel Plan Objectives and Targets

#### 4.1. Introduction

A Travel Plan is a living document that provides a strategy for managing travel demand involving a continuing process of monitoring and review. The underlying aim of any Travel Plan is to minimise the number of single occupancy vehicle trips generated by a development. This is achieved by encouraging a shift to more sustainable modes of transport and by reducing the need to travel.

Travel Plans have many benefits including:

#### Benefits for the Employer

- Increased productivity from a healthier, motivated workforce.
- Potential cost savings (mileage, car parking, lateness, lost time in travel).
- Reduced congestion.
- Reduced demand for parking and improved access.
- Positive company image.

#### Benefits for the Employees / Visitors

- Potential cost and time savings.
- Improved health and fitness.
- Better quality of life.

#### 4.2. Objectives

The main objectives of the TP are as follows:

- Promote the health, wealth, and environmental benefits of cycling, walking, and using public transport.
- Provide clear information to all employees and visitors on alternative modes of travel to the site.
- Enhance the safety and security of people travelling to and from site.
- Effectively manage the demand for car parking; and
- Reduce negative environmental impact of visitor car journeys.



#### 4.3. Targets

The Travel Plan aims to facilitate a greater modal shift to non-car modes amongst future employees. Using the Census dataset WP703EW 'Method of travel to work (Workplace population)' for the Wellingborough 002 (E02006179) Middle Super Output Area (MSOA), a likely mode share for the development has been obtained. **Table 4** shows the indicative mode share targets over five years from the occupation of the site.

Transport Mode	Baseline	Mode Share Targets					
Transport Mode	Dasenne	Year 1	Year 2	Year 3	Year 4	Year 5	
Bus, Minibus or Coach	1.0%	1.3%	1.5%	1.8%	2.0%	2.3%	
Motorcycle, Scooter or Moped	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	
Driving a Car or Van	80.4%	78.4%	76.4%	74.4%	72.4%	70.4%	
Passenger in a Car or Van	8.4%	9.7%	10.9%	12.2%	13.4%	14.7%	
Bicycle	2.6%	2.9%	3.1%	3.4%	3.6%	3.9%	
On Foot	6.3%	6.6%	6.8%	7.1%	7.3%	7.6%	
Total	100%	100%	100%	100%	100%	100%	

Table 4: Mode Share Baseline and Targets – MSOA Wellingborough 002

A 10% reduction in single occupancy car driver trips to 70.4% has been set as a preliminary target for the first five-year period of the Travel Plan. The expectation is to redistribute staff trips away from single occupancy car trips and towards walking, cycling, bus, and car sharing trips.

Once Days Aggregates have occupied the development, the site-specific mode share can be determined through a staff travel survey. Until the staff travel survey has been undertaken, the targets detailed in **Table 4** are indicative and subject to change although it is expected that an increase in car sharing, and cycle trips are the focus of measures given the sites location and shift patterns.



# 5.0 Travel Plan Management

#### 5.1. Travel Plan Coordinator

The developer will appoint a Travel Plan Coordinator; confirmation of this appointment will be made to the relevant highway officers at Northamptonshire County Council (NCC) as soon as the position is filled formally (and no later than one month prior to first employment occupation). The appointed TPC will be responsible for implementing, communicating, monitoring, and managing (including updating as necessary) the aims and objectives set out in the TP.

The TPC will be responsible for setting up measures outlined in this TP and for the ongoing maintenance and management of the plan.

The TPC's duties will include:

- Announce TP initiatives, TP news, events, special offers, and help in the TPs evolution over time.
- Seek out local key stakeholders such as the Local Authority, bus operators etc to discuss the ongoing effectiveness of the TP, its targets, and measures.
- Undertake surveys over five consecutive years and supply evidence of this to SCC, the surveys will seek to obtain information from staff and visitors on how travel to and from the site could be improved.

The TPC is a designated role that must be appointed to an individual. It does not need to be a full-time position but should be a designated role with responsibility to maintain the plan and act accordingly to ensure it achieves its objectives. The appointed TPC must be easily identifiable and contactable to all parties affected by the TP.



### 6.0 Travel Plan Measures

The following paragraphs set out the measures that will be implemented as part of the TP process. These measures cover all modes of travel (car, public transport, car sharing, walking, cycling).

This section of the TP details the 'hard' and 'soft' measures to be implemented for the site. Some of these measures have already been proposed and set out within the Transport Statement.

#### 6.1. Measures

#### Walking and Cycling

To support walking and cycling, showers, changing facilities and lockers should be provided within the site for employees to use. Also, a supply of basic cycle maintenance equipment on site e.g. pumps, puncture repair kit, tools etc will be held. As shown on the site layout cycle shelters are to be provided. Providing safe and secure shelter to store bicycles will encourage employees to cycle to work. Walk to work route maps will also be set up to show the fastest route to and from the site to help promote walking.

#### **Car Sharing**

Northamptonshire have advertised three car sharing schemes on the 'Smart Move Northamptonshire' website. These are Kinto, Liftshare and BlaBlaCar. Car sharing strategies can provide the opportunity to:

- Reduce congestion and save valuable time at the beginning and end of the day.
- Reduce fuel costs by sharing the day-to-day expenses.
- Reduce the mileage and everyday wear and tear on your vehicle.
- Reduce traffic pollution and help contain the increasing pressure on the local community and environment.
- Enjoy a more sociable and less stressful way of travelling.

The TPC will promote car sharing between staff members and encourage the use of national schemes. The TPC can help identify staff who work similar shift patterns and live in similar locations who may benefit from sharing car journeys together.



#### **Disabled Parking**

There will be disabled parking spaces provided within the plan, and to assist people with mobility and visual impairments.

#### **Travel Information Packs**

To make the use of alternative modes as easy as possible for staff and visitors to the site, the relevant information should be readily available. To achieve this, the following will be produced and offered to staff on day one. This information will also be prominently displayed in as many key locations within the building as possible and will include:

- Bus timetables.
- Map of bus stop locations and information.
- Pedestrian and cycle routes to the site.
- Car sharing schemes.

This information will be kept up to date by the TPC with new bus timetables obtained and circulated as and when services change, as well as new car sharing opportunities. To inform visitors to the site, the operators will include a "how to find us" map on its website.

#### **Travel Information Notice Boards**

Travel information notice boards will be placed in prominent staff areas providing up to date information on public transport service, car sharing information and walking and cycling routes.

#### 6.2. Travel Plan Toolkit

**Table 5** summarises a toolkit of measures that could be adopted by the TPC.



#### Table 5: Travel Plan Toolkit

Measure	Justification	Responsibility	Target date / Frequency	Monitoring
Marketing and Information	n Strategy	-	-	
Sustainable transport leaflets to be supplied within employee induction packs	To provide new staff with the information to make an informed decision about how they may travel to work.	TPC	On-going	TPC to monitor
Information on national and local sustainable travel events	Encourage staff to take part in sustainable travel events	TPC	Update every 12 months	TPC to monitor how many staff take part in the events
Walking				
Umbrellas provided for staff walking to site	To encourage staff to walk in all weather conditions	TPC	Within 1 month of occupation	TPC to monitor usage and condition of umbrellas

#### Land North of Don White Road

Measure	Justification	Responsibility	Target date / Frequency	Monitoring
Cycling				
Secure cycle storage will be provided	To encourage cycling by providing safe and dry cycle parking facilities	Developer	Prior to occupation	Yearly monitoring report to review the usage of the cycle spaces (staff travel survey)
Cycle maintenance kits	Cycle maintenance kits to be kept on site to assist staff if their bicycle requires repair	TPC	Within 6 months of occupation	TPC to monitor and re-stock as necessary
Public Transport				
Timetable information for local public transport routes to be promoted	To encourage the use of the rerouted bus service	TPC	On-going	Yearly monitoring report to review the number of public transport users (staff travel survey)



#### Land North of Don White Road

Measure	Justification	Responsibility	Target date / Frequency	Monitoring	
Car Sharing					
Invite all staff to sign up to Kinto, Liftshare or BlaBlaCar	Encourage all staff to car share	TPC	On-going	TPC to monitor how many staff sign up to the scheme	
Visitors					
All visitors to be provided with sustainable transport leaflets. Information can be sent prior to invitation to visit.	To encourage visitors to travel by sustainable modes for future visits	TPC	On-going	TPC to monitor if occupiers are providing this information to visitors	

# 7.0 Monitoring

#### 7.1. Surveys

To monitor the effectiveness of the TP, staff travel surveys will be carried out annually for five years upon occupation of the development. The format of the staff travel surveys will be agreed between the TPC and NCC.

Additionally, a survey of vehicle movements will be undertaken at the same time as the travel surveys to monitor the impact of the TP and to assess the mode share targets. The survey will be undertaken by an independent traffic survey company using an automatic traffic counter to collect one week's worth of data.

#### 7.2. Monitoring Report

A monitoring report will be produced that will assess the effectiveness of the TP process and ensure that the measures implemented are still relevant and/or whether any measures need to be amended or added.

If the monitoring report shows that the TP is underachieving and not meeting the mode share targets, a remedial strategy needs to be outlined. The Potential remedial measures could include the following:

- Extend appointment of TPC for an additional 5 years.
- Review of the promotion of the TP.
- Consider offering personalised travel planning to employees.
- Hold discussion with NCC to further promote car sharing schemes.
- Liaise with local bus operators to provide a potential bus voucher scheme.



#### Land North of Don White Road

**Employee Travel Plan** 

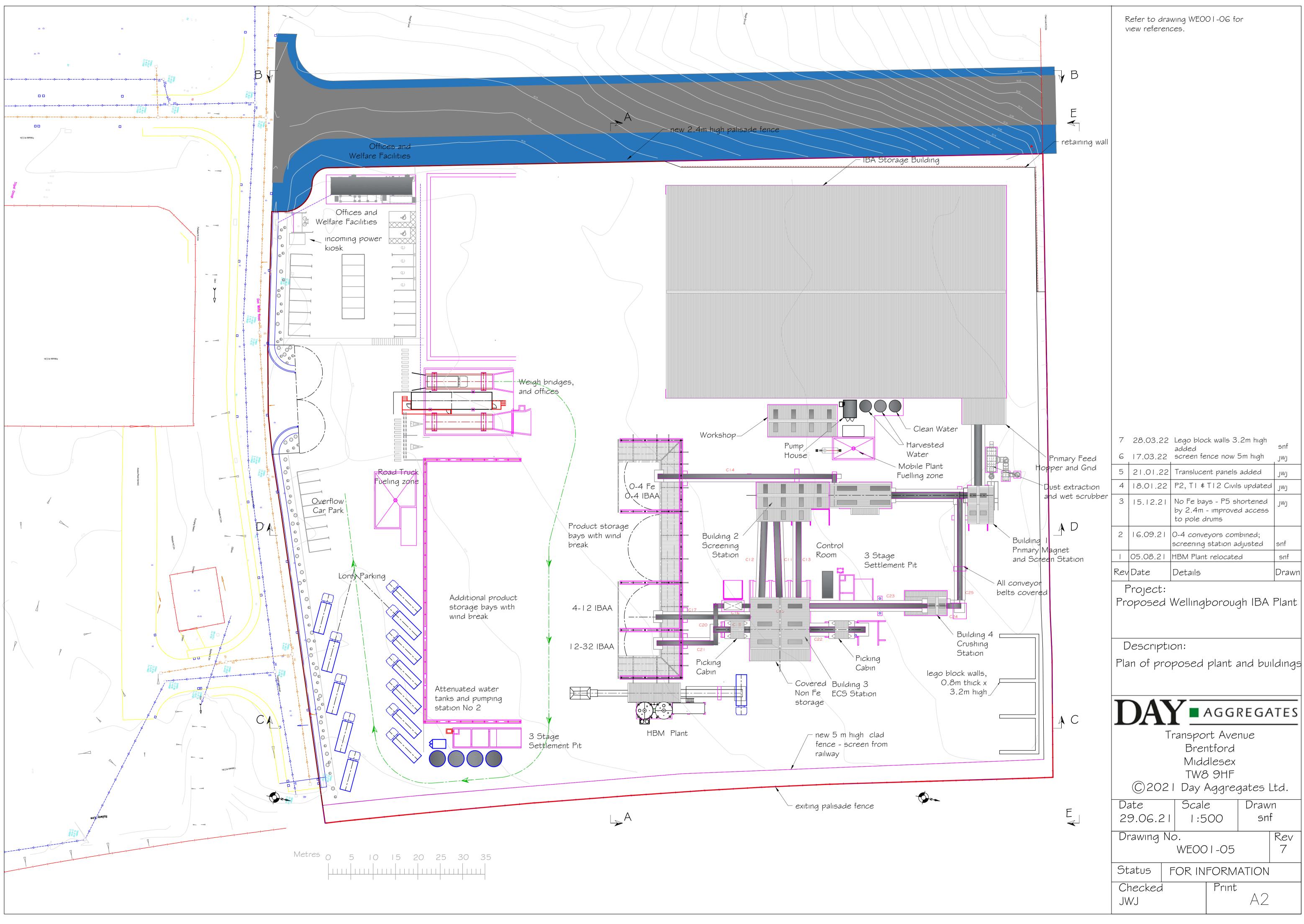
# **Appendices**



**Employee Travel Plan** 

# **Appendix A - Site Layout**





# Appendix B – Public Transport in Wellingborough



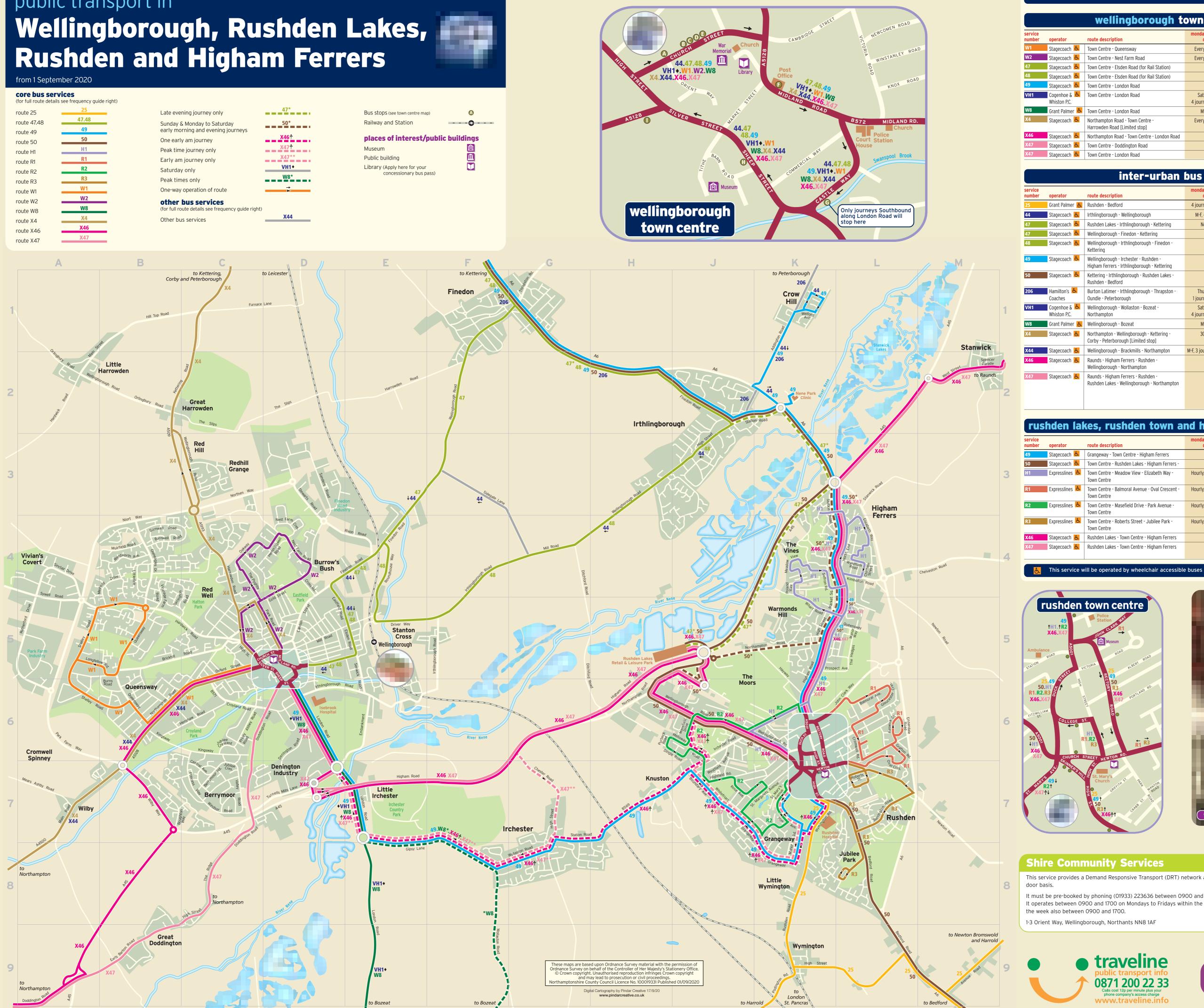
# public transport in

(	(for full route details see frequency guide right)		
1	route 25	25	
	route 47.48	47.48	
	route 49	49	
-	route 50	50	
	route H1	H1	
-	route R1	R1	
-		R2	
-	route R2	R3	
-	route R3	W1	
I	route W1	W2	
I	route W2	W8	
I	route W8		
I	route X4	X4	
I	route X46	X46	
	route X47	X47	

Late evening journey only
Sunday & Monday to Saturday early morning and evening journeys
One early am journey
Peak time journey only
Early am journey only
Saturday only
Peak times only
One-way operation of route
<b>other bus services</b> (for full route details see frequency guide ri

47*
50*
X46†
X47†
X47** VH1◆
VHIV
W8*
→ ▶





н

ellingborough town bus services				
cription	monday to saturday daytime	monday to saturday evening	sunday daytime	
re - Queensway	Every 20 minutes	No Service	No Service	
re - Nest Farm Road	Every 20 minutes	No Service	No Service	
re - Elsden Road (for Rail Station)	Hourly	No Service	No Service	
re - Elsden Road (for Rail Station)	Hourly	Early evening only	No Service	
re - London Road	Hourly	No Service	No Service	
re - London Road	Saturday only 4 journeys each way	No Service	No Service	
re - London Road	M-F, hourly	No Service	No Service	
ton Road - Town Centre - n Road [Limited stop]	Every 30 minutes	Hourly	Hourly	
ton Road - Town Centre - London Road	Hourly	Early evening only	No Service	
re - Doddington Road	Hourly	Early evening only	Hourly	
re - London Road	Hourly	Hourly	Every 30 minutes, eves hourly	

#### inter-urban bus services

cription	monday to saturday daytime	monday to saturday evening	sunday daytime
Bedford	4 journeys each way	No Service	No Service
rough - Wellingborough	M-F, one journey	No Service	No Service
akes - Irthlingborough - Kettering	No Service	M-F, one journey each way	No Service
ough - Finedon - Kettering	Hourly	No Service	No Service
ough - Irthlingborough - Finedon -	Hourly	Early evening only	No Service
ough - Irchester - Rushden - rrers - Irthlingborough - Kettering	Hourly	No Service	No Service
· Irthlingborough - Rushden Lakes - Bedford	Hourly	1 to 3 journeys each way	Every 2 hours
imer - Irthlingborough - Thrapston - eterborough	Thursday only 1 journey each way	No Service	No Service
rough - Wollaston - Bozeat - ton	Saturday only 4 journeys each way	No Service	No Service
ough - Bozeat	M-F, hourly	No Service	No Service
ton - Wellingborough - Kettering - terborough [Limited stop]	30 minutes	Hourly, between Northampton and Corby	Hourly (every 2 hours between Corby and Peterborough)
ough - Brackmills - Northampton	M-F, 3 journeys each way	No Service	No Service
ligham Ferrers - Rushden - rough - Northampton	Hourly	Early evening only	No Service
ligham Ferrers - Rushden - akes - Wellingborough - Northampton	Hourly	Hourly between Higham Ferrers and Wellingborough only	Hourly between Raunds and Northampton. Every 30 mins between Higham Ferrers and Wellingborough, hourly eves

rushden town and higham ferrers bus services				
cription	monday to saturday daytime	monday to saturday evening	sunday daytime	
r - Town Centre - Higham Ferrers	Hourly	No Service	No Service	
re - Rushden Lakes - Higham Ferrers -	Hourly	1 to 3 journeys each way	Every 2 hours	
re - Meadow View - Elizabeth Way - re	Hourly, off peak only	No Service	No Service	
re - Balmoral Avenue - Oval Crescent - re	Hourly, off peak only	No Service	No Service	
re - Masefield Drive - Park Avenue - re	Hourly, off peak only	No Service	No Service	
re - Roberts Street - Jubilee Park - re	Hourly, off peak only	No Service	No Service	
akes - Town Centre - Higham Ferrers	Hourly	Early evening only	No Service	
akes - Town Centre - Higham Ferrers	Hourly	Hourly	Every 30 mins, evenings hourly	



This service provides a Demand Responsive Transport (DRT) network across the Borough of Wellingborough, on a door to

It must be pre-booked by phoning (01933) 223636 between 0900 and 1300 on Mondays to Fridays. It operates between 0900 and 1700 on Mondays to Fridays within the town, and to surrounding villages on various days of



# **Appendix C – Wellingborough Cycle Network**



# Wellingborough Cycle Network



HARROWDEN ROAD

# **General Information**

#### Land North of Don White Road

**Employee Travel Plan** 



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