

# Mayfield Garage, Southampton

784-B042671

## Parking Study

### Issue

**MPQ Properties Ltd**

**November 2022**

**Document prepared on behalf of Tetra Tech Environment Planning Transport Limited.  
Registered in England number: 03050297**



# DOCUMENT CONTROL

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## APPENDICES

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APPENDIX A: PARKING SURVEY OUTPUTS

## 1.0 INTRODUCTION

### 1.1 BACKGROUND

- 1.1.1 Tetra Tech has been appointed by MPQ Properties Ltd (the ‘client’) to provide transport and highways consultancy services in the form of a Parking Study to support a planning application (ref. 22/00351/FUL) for a proposed development of eight dwellings at the former Mayfield Garage site, Archery Road, SO19 9GG.
- 1.1.2 Southampton City Council (SCC) is the Local Planning Authority (LPA) responsible for determining planning applications in the area, as well as being the Local Highway Authority (LHA).

### 1.2 SITE LOCATION

- 1.2.1 The site is located at the former Mayfield Garage site, Archery Road, Weston. The location of the site is shown in Figure 1.1.

Figure 1.1 – Site Location Plan



## 2.0 PARKING SURVEY

### 2.1 METHODOLOGY

- 2.1.1 In order to determine the baseline on-street parking conditions, parking surveys compliant with the Lambeth methodology were undertaken on Wednesday 12 and Thursday 13 October 2022 at 04:00 and 04:45 respectively.
- 2.1.2 The full outputs of the survey are included as **Appendix A**.
- 2.1.3 The extent of the survey included all roads within 200m of the site, including:
- Archery Road
  - Ticonderoga Gardens
  - Bevan Close
- 2.1.4 The total parking provision within 200m of the site is 146 spaces, including 19 spaces on Bevan Close, 54 spaces on Archery Road, and 73 spaces on Ticonderoga Gardens.

### 2.2 RESULTS

- 2.2.1 A summary of the parking occupancy on the streets is set out in Table 2.1.

Table 2.1 – Summary of Parking Survey

Street	Capacity	Wednesday Occupancy	Wednesday Available Spaces	Wednesday Parking Stress	Thursday Occupancy	Thursday Available Spaces	Thursday Parking Stress
Archery Road	54	4	50	7%	4	50	7%
Ticonderoga Gardens	73	60*	13	82%	62*	11	85%
Bevan Close	19	9	10	47%	11	8	58%
Total	146	73	73	50%	77	69	53%

\*includes vehicles parked illegally on footway

- 2.2.2 Table 2.1 demonstrates that there is residual capacity for on-street parking in the vicinity of the site across the course of a typical day. At any time, typically around half of all on-street parking spaces were available, spread across the whole study area, equating to around 70 spaces within walking distance of the site.

## 3.0 PARKING DEMAND

### 3.1 DEVELOPMENT PROPOSALS

- 3.1.1 The proposed development comprises eight residents' parking spaces for the dwelling, as well as three additional visitor spaces, giving a total of 11 spaces.
- 3.1.2 Southampton City Council's Parking Standards Supplementary Planning Document indicates that a maximum of two spaces per dwelling should be provided for 3+ bedroom dwellings; however, no minimum parking provision is set out.
- 3.1.3 2011 Census data (the most recent available) has been used to determine existing car ownership levels in the Southampton 031 output area, in which the site lies. The calculation is set out in Table 3.1.

Table 3.1 – 2011 Census Data – Car and Van Availability, Southampton 031 Output Area

Cars	2011 Data	Total Vehicles	Average
All categories: Car or van availability	3,357	3,836	1.14
No cars or vans in household	754	0	
1 car or van in household	1,598	1,598	
2 cars or vans in household	826	1,652	
3 cars or vans in household	130	390	
4 or more cars or vans in household	49	196	

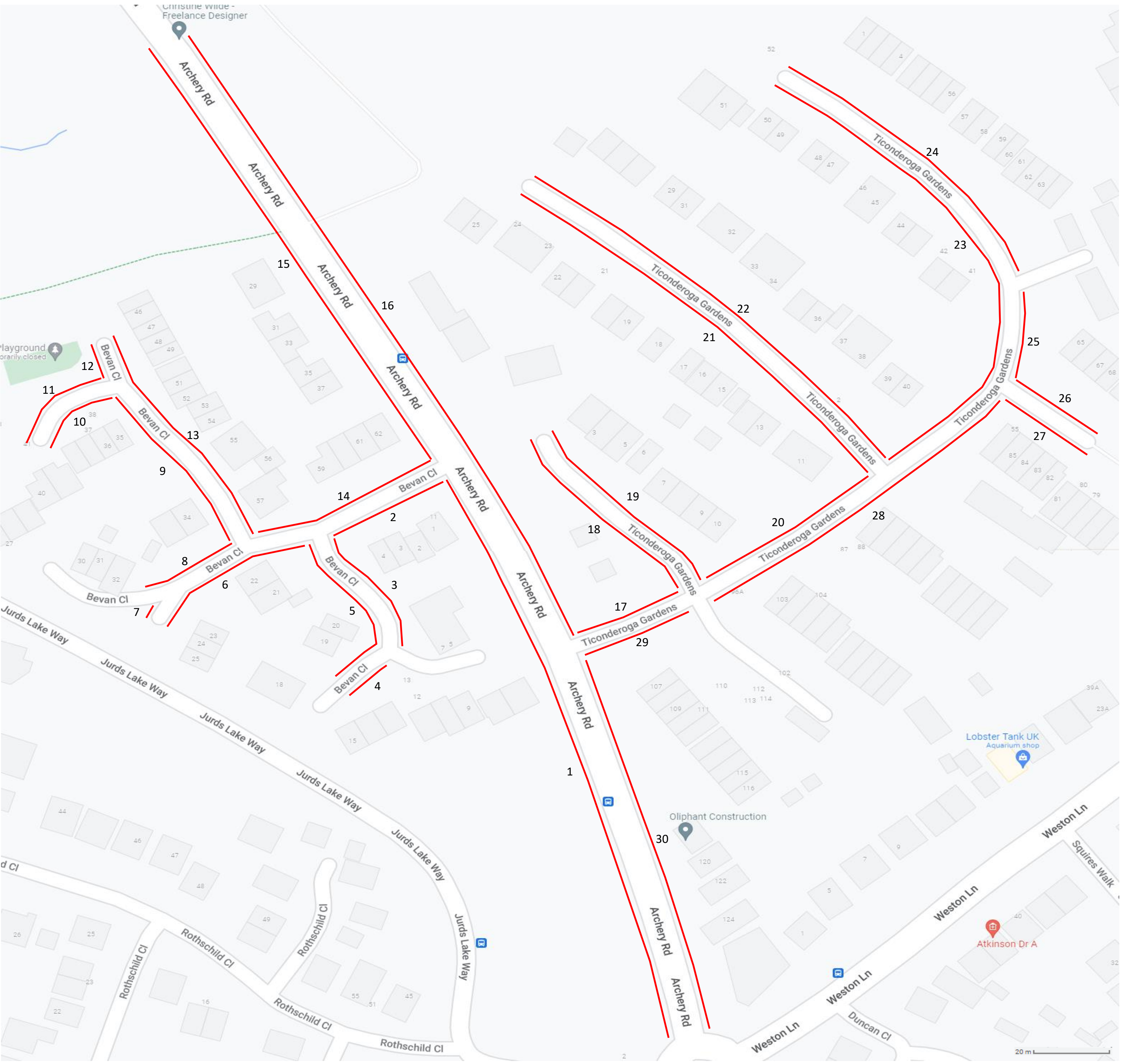
- 3.1.4 The data shows that average car ownership in the area is 1.14 vehicles per household; for a development of 8 dwellings, this equates to 9 vehicles.
- 3.1.5 The 11 parking spaces can therefore accommodate the expected parking demand of the proposed development.
- 3.1.6 If the three visitor spaces are disregarded, there are eight spaces available for residents to park, leading to an overspill demand of one vehicle.
- 3.1.7 The survey has demonstrated that at times of peak demand overnight, there are around 70 spaces available within 200m of the site, and therefore the minimal increased parking demand of one vehicle can be accommodated on the local highway network.

## 4.0 SUMMARY

- 4.1.1 This report seeks to address the comments raised by Southampton City Council relating to parking matters.
- 4.1.2 A parking survey in accordance with the Lambeth Methodology was undertaken in the vicinity of the site overnight, and has demonstrated that there is residual parking capacity times of peak demand, with around 70 spaces available within 200m of the site at any one time. Given that the development is likely to generate minimal additional parking demand, it is considered that this can be accommodated safely and without causing issues in the surrounding area.
- 4.1.3 Consequently, it is considered that there are no outstanding issues that should lead to any objection to the proposed development on highway grounds.

## APPENDIX A: PARKING SURVEY OUTPUTS



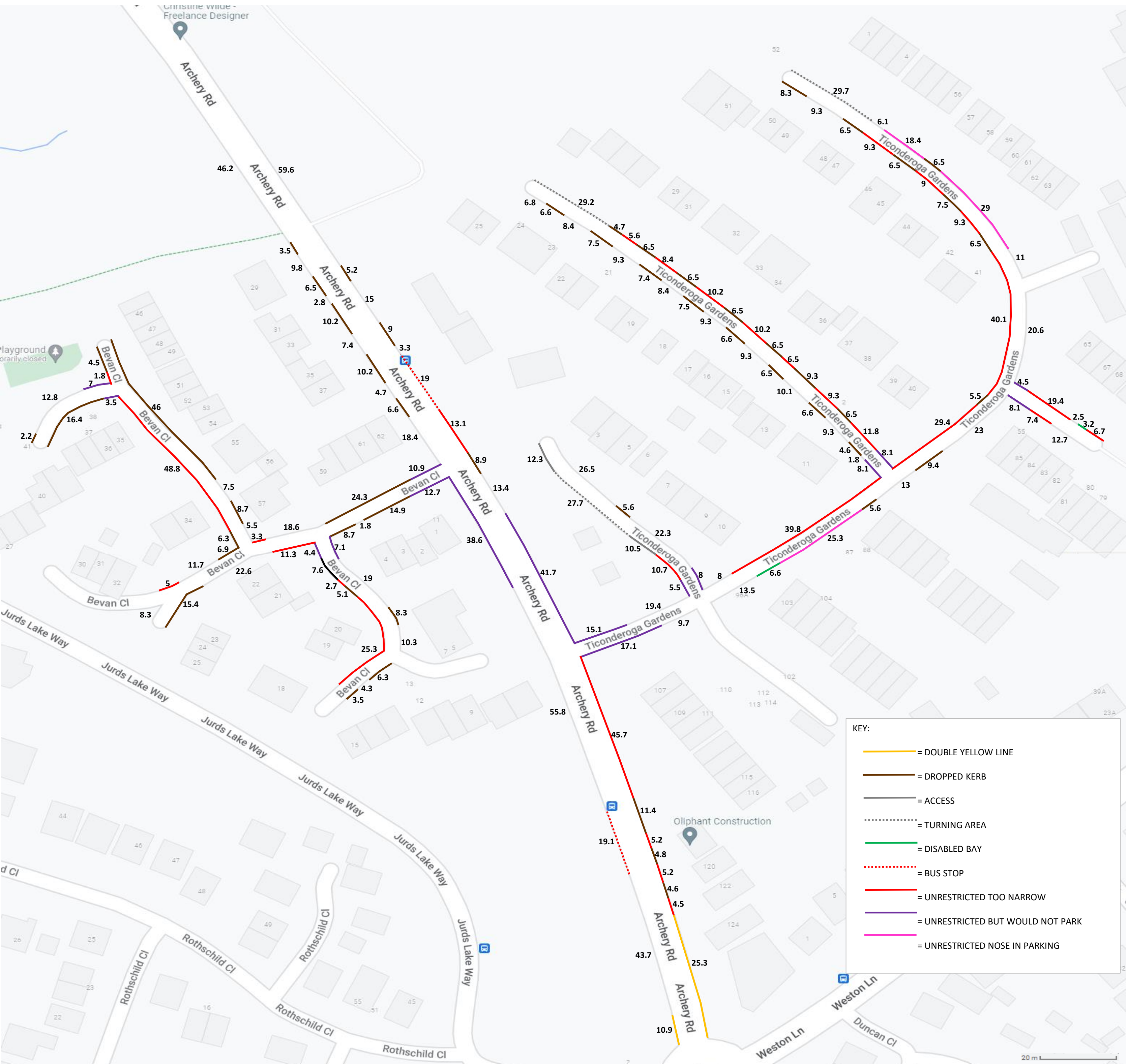


DATE : 12th & 13th October 2022

DAY : Wednesday & Thursday

LOCATION : Archery Rd, Weston, Southampton SO19 9GG

Question	Answer
At what time(s) was the survey undertaken?	04:00 & 04:45
What was the date(s) of the survey?	12th & 13th October 2022
What day of the week was the survey?	Wednesday & Thursday
From the 2011 census, what is the average car ownership for this area?	N/A
How far away is the nearest bus stop (both directions)?	97 metres north of Ticonderoga Gardens on Archery Rd. 67 metres south of Ticonderoga Gardens on Weston Lane.
How many buses are accessible in daytime hours from this stop (both directions)?	Buses every 15 minutes at northern bus stop each way (Stop ID: sohdtgt) and 2 bus lines arriving every 10 minutes at the south bus stop each way (Stop ID: sohwdp)
How far away is the nearest convenience store/shop?	A co-operative store is 400m east from the site areas most southern point
How far away are the nearest primary and secondary schools?	Woolston Infant school is 950m north from the northermost point of site. Weston Secondary school is 1.5 km south east from southernmost area of site
How far away is the nearest doctors surgery?	Weston Lane Surgery is 215m east from the southern most point of survey site
How far away is the nearest dentist surgery?	Damira Weston Lane Dental Practice is 215m east from the southern most point of survey site



KEY:

- = DOUBLE YELLOW LINE
- = DROPPED KERB
- = ACCESS
- ⋯ = TURNING AREA
- = DISABLED BAY
- ⋯ = BUS STOP
- = UNRESTRICTED TOO NARROW
- = UNRESTRICTED BUT WOULD NOT PARK
- = UNRESTRICTED NOSE IN PARKING

Cristine wide -  
Freelance Designer

Playground  
temporarily closed

Oliphant Construction

20 m

ROAD NAME	ZONE	RESTRICTION	METRES	Spaces	Wednesday 12th October 2022		Thursday 13th October 2022	
					PARKED VEHICLES	STRESS	PARKED VEHICLES	STRESS
ARCHERY ROAD	1	DOUBLE YELLOW LINE	10.9					
		UNRESTRICTED	99.5	19	0	0%	0	0%
		BUS STOP	19.1					
BEVAN CLOSE	2	UNRESTRICTED BUT WOULD NOT PARK	38.6					
		UNRESTRICTED BUT WOULD NOT PARK	12.7					
	DROPPED KERB	23.6						
	UNRESTRICTED	1.8						
	3	UNRESTRICTED BUT WOULD NOT PARK	7.1					
		UNRESTRICTED	29.3	5	2	40%	2	40%
	4	DROPPED KERB	8.3					
		UNRESTRICTED	9.8					
	5	UNRESTRICTED TOO NARROW	4.3					
		DROPPED KERB	28					
		UNRESTRICTED BUT WOULD NOT PARK	12.7					
	6	UNRESTRICTED TOO NARROW	4.4					
		UNRESTRICTED	11.3					
	7	DROPPED KERB	22.6	4	2	50%	2	50%
		DROPPED KERB	15.4					
	8	UNRESTRICTED	8.3	1	0	0%	1	100%
		UNRESTRICTED TOO NARROW	5					
	9	UNRESTRICTED	11.7	2	1	50%	0	0%
		DROPPED KERB	6.9					
	10	UNRESTRICTED BUT WOULD NOT PARK	6.3					
		UNRESTRICTED TOO NARROW	48.8		1		1	
	11	UNRESTRICTED BUT WOULD NOT PARK	3.5					
		DROPPED KERB	16.4					
	12	DROPPED KERB	2.2					
		UNRESTRICTED	12.8	2	0	0%	1	50%
	13	UNRESTRICTED BUT WOULD NOT PARK	7					
		UNRESTRICTED TOO NARROW	1.8					
	14	DROPPED KERB	4.5					
DROPPED KERB		54.7						
UNRESTRICTED		13	2	1	50%	2	100%	
15	UNRESTRICTED BUT WOULD NOT PARK	7.1						
	UNRESTRICTED TOO NARROW	3.3						
16	UNRESTRICTED	18.6	3	2	67%	2	67%	
	DROPPED KERB	24.3						
	UNRESTRICTED BUT WOULD NOT PARK	10.9						
ARCHERY ROAD	15	UNRESTRICTED	89.3	17	4	24%	3	18%
		DROPPED KERB	37					
	16	UNRESTRICTED	91.3	18	0	0%	1	6%
		DROPPED KERB	23.1					
		BUS STOP	19					
		UNRESTRICTED TOO NARROW	13.1					
17	UNRESTRICTED BUT WOULD NOT PARK	41.7						
	UNRESTRICTED BUT WOULD NOT PARK	15.1						
TICONDEROGA GARDENS	18	UNRESTRICTED	19.4	3	0	0%	0	0%
		UNRESTRICTED BUT WOULD NOT PARK	5.5					
	19	UNRESTRICTED TOO NARROW	10.7					
		ACCESS	22.8					
	20	TURNING AREA	27.7		2		2	
		UNRESTRICTED	48.8	9	5	56%	5	56%
		DROPPED KERB	5.6					
	21	UNRESTRICTED BUT WOULD NOT PARK	8					
		UNRESTRICTED	8	1	2	200%	2	200%
	22	UNRESTRICTED TOO NARROW	39.8					
		UNRESTRICTED BUT WOULD NOT PARK	8.1					
	23	UNRESTRICTED	72.7	14	2	14%	3	21%
		DROPPED KERB	53.3					
		TURNING AREA	29.2				1	
	24	DROPPED KERB	46.5			2 Vehicles parked on pavement	1 Vehicle parked on pavement	
		UNRESTRICTED TOO NARROW	62					
	25	UNRESTRICTED BUT WOULD NOT PARK	8.1					
		UNRESTRICTED TOO NARROW	97.1					
	26	DROPPED KERB	40.8					
		UNRESTRICTED	9.3	1	2	200%	2	200%
	27	TURNING AREA	29.7		4		4	
		UNRESTRICTED	17.1	3	3	100%	3	100%
		UNRESTRICTED NOSE IN PARKING	47.4	18	17	94%	18	100%
	28	DROPPED KERB	6.5					
		UNRESTRICTED	20.6	4	2	50%	2	50%
	29	UNRESTRICTED BUT WOULD NOT PARK	4.5					
		UNRESTRICTED TOO NARROW	23.6			4 Vehicles parked on pavement	4 Vehicles parked on pavement	
		UNRESTRICTED NOSE IN PARKING	2.5	1	1	100%	1	100%
NOSE IN PARKING DISABLED BAY		3.2	1	1	100%	1	100%	
30	UNRESTRICTED	12.7	2	3	150%	3	150%	
	UNRESTRICTED TOO NARROW	7.4				1		
31	UNRESTRICTED BUT WOULD NOT PARK	8.1						
	UNRESTRICTED	49.5	9	5	56%	3	33%	
32	DROPPED KERB	15						
	UNRESTRICTED NOSE IN PARKING	25.3	5	4	80%	5	100%	
33	DISABLED BAY	6.6	1	1	100%	1	100%	
	UNRESTRICTED	9.7	1	0	0%	0	0%	
ARCHERY ROAD	30	UNRESTRICTED BUT WOULD NOT PARK	17.1					
		UNRESTRICTED TOO NARROW	60.6					
		DROPPED KERB	20.8					
		DOUBLE YELLOW LINE	25.3					
<b>TOTAL</b>				<b>146</b>	<b>67</b>	<b>46%</b>	<b>72</b>	<b>49%</b>



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- = UNRESTRICTED BUT WOULD NOT PARK
- = UNRESTRICTED NOSE IN PARKING

KEY:

- = OCCUPIED PARKING SPACES
- = AVAILABLE PARKING SPACES
- = ILLEGALLY PARKED

Wednesday 12th October 2022  
Time - 04:00

Balance Designer

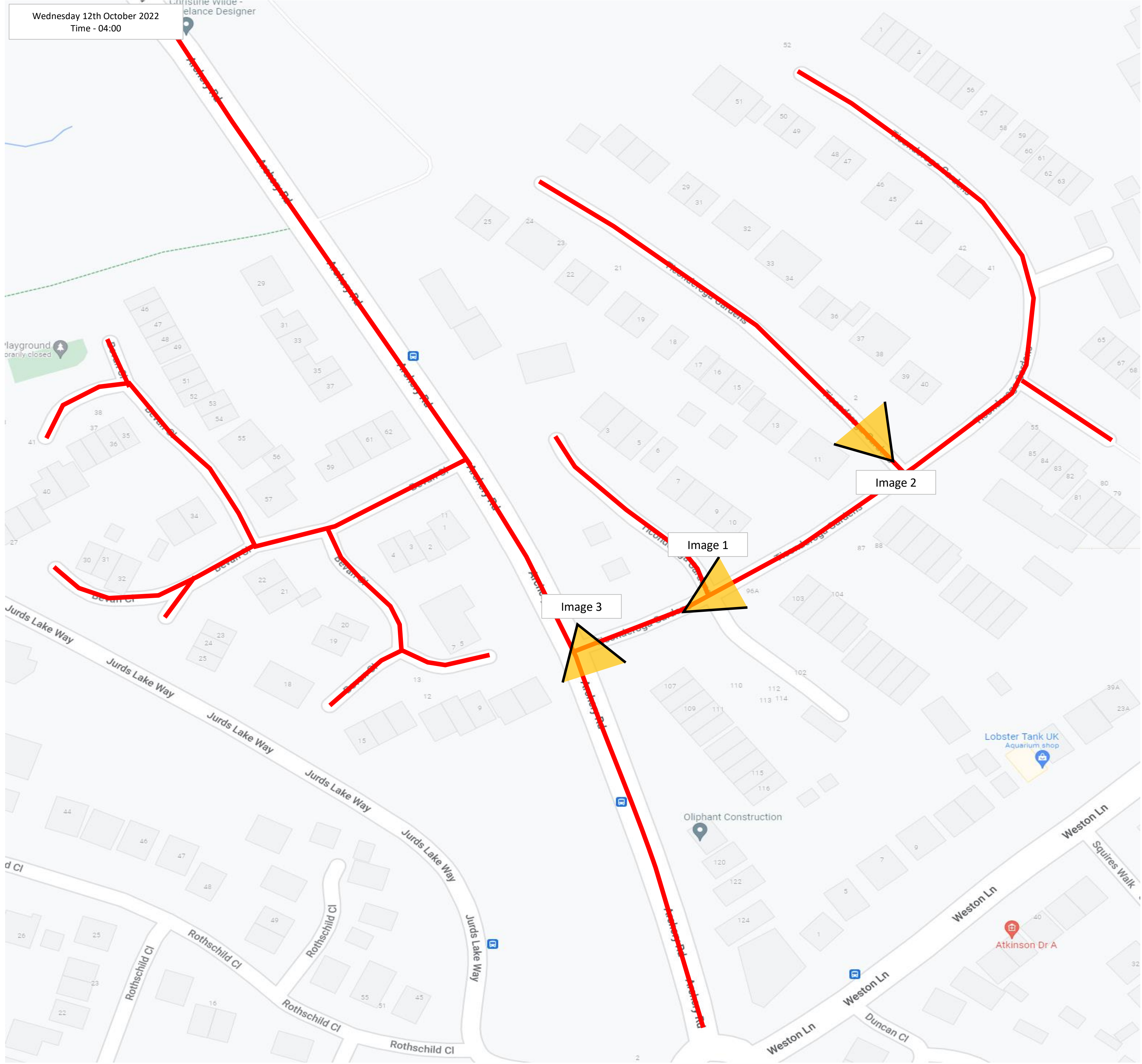


Image 1

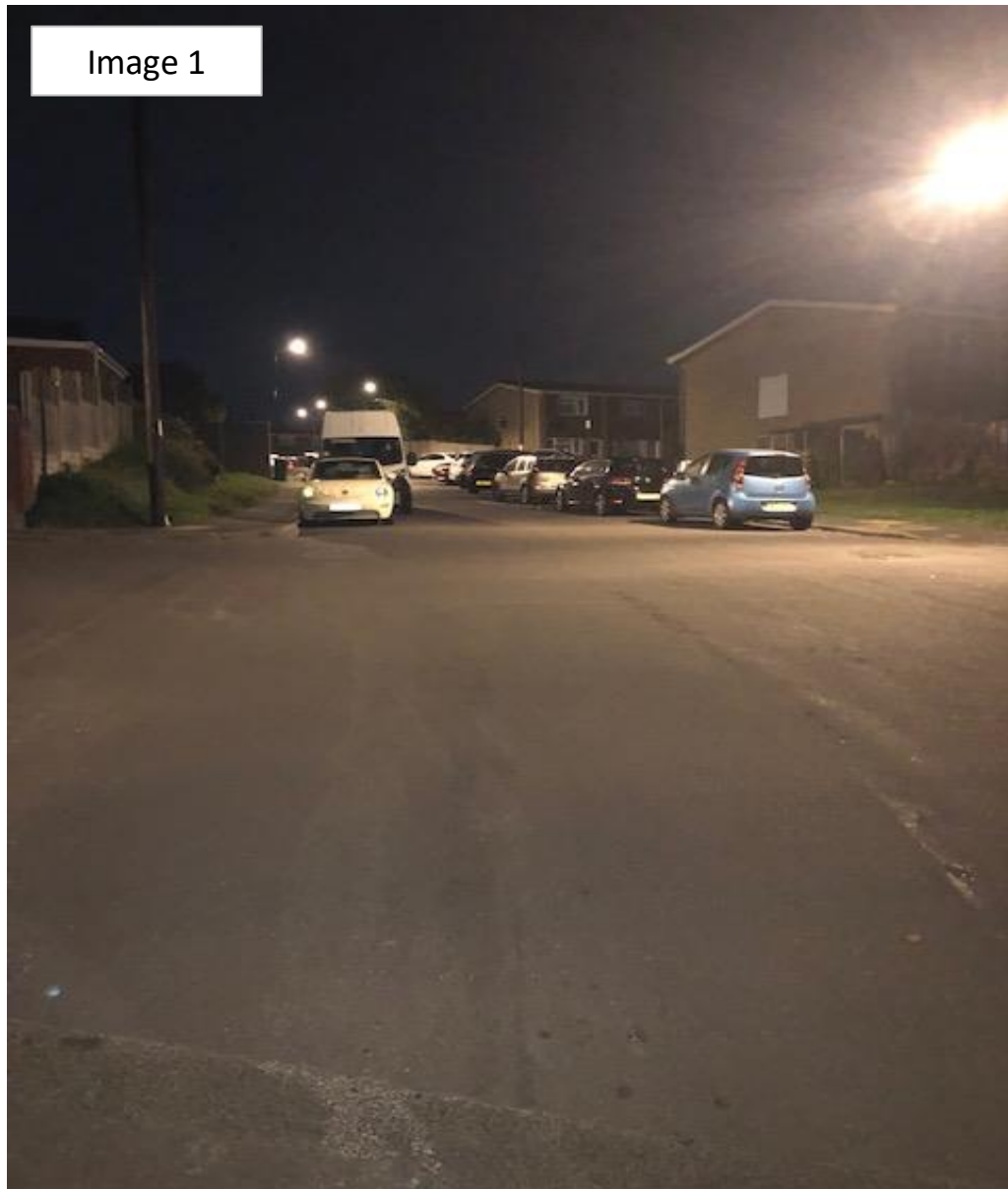


Image 2

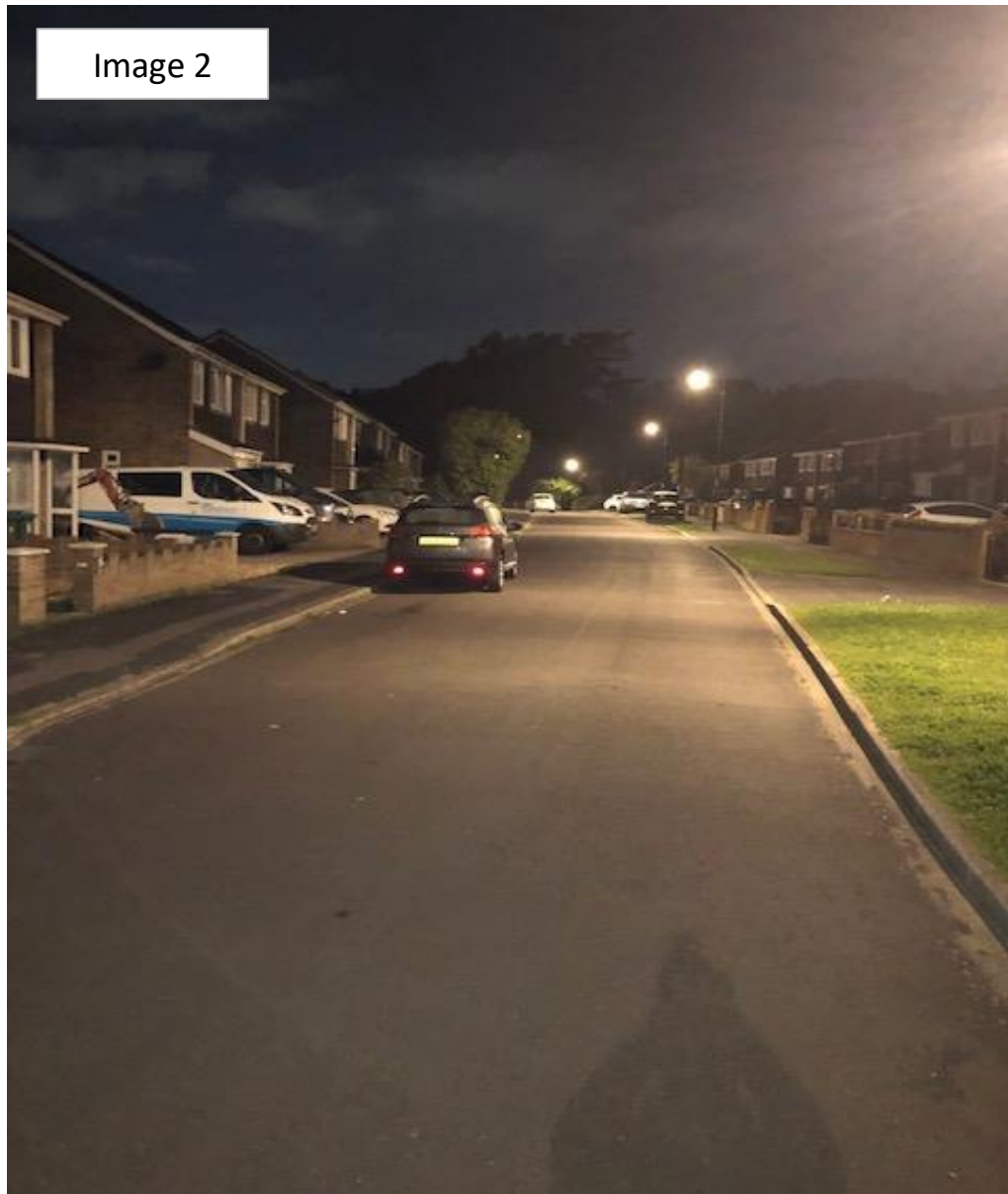
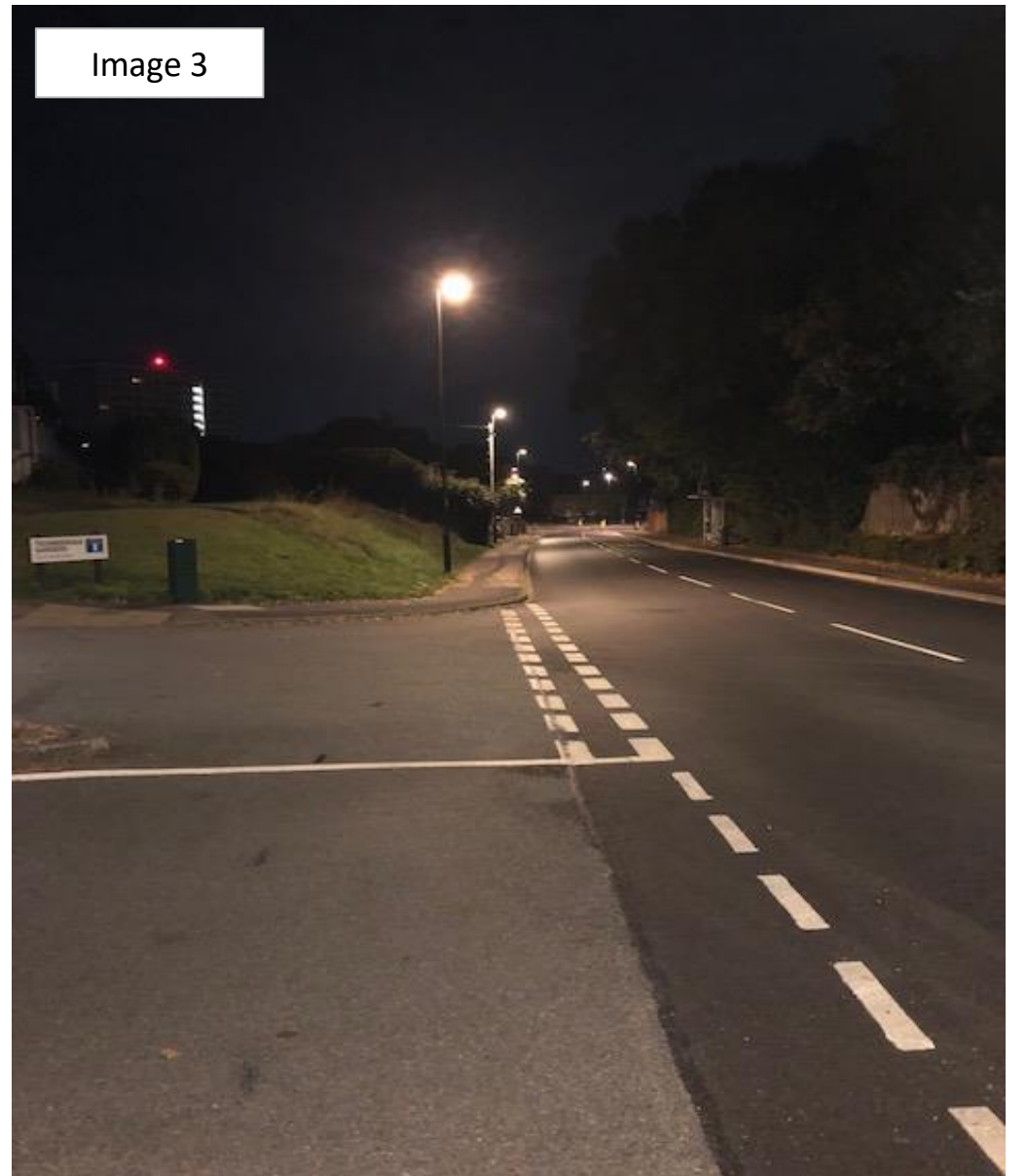


Image 3





KEY:

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- ..... = TURNING AREA
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