



Parking Stress Survey

140 Caerleon Road, Newport, NP19 7GS

May 2024

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1.0 Introduction

This comprehensive document presents the findings and analysis gathered from our recent survey aimed at understanding the parking opportunities within the St Julian's community. As the demand for parking continues to evolve in residential areas like Caerleon Road, this report serves as a vital resource for local authorities, urban planners, and community stakeholders to make informed decisions regarding parking infrastructure. By delving into the insights provided by commuters, visitors, and primary research, we aim to demonstrate that the area has many parking possibilities but also alternative transportation for users with no vehicle.

1.1 The survey was undertaken on the following dates:

Monday 29th April

Tuesday 30th April

Wednesday 1st May

Thursday 2nd May

The 4 days were spread across different times for more accurate and detailed analysis, as well as split into day time and night time. The times range from 2:30pm to 2:30am.

1.2 The parking survey conducted was meticulously planned to ensure accuracy and reliability of the data gathered. It's important to note that the survey was not carried out during any public or school holidays to avoid skewed results influenced by altered traffic patterns during those times. However, to capture a comprehensive understanding of parking dynamics, certain surveys were strategically conducted during peak hours to provide a holistic perspective, enabling us to address parking challenges effectively.

2.0 Study Area

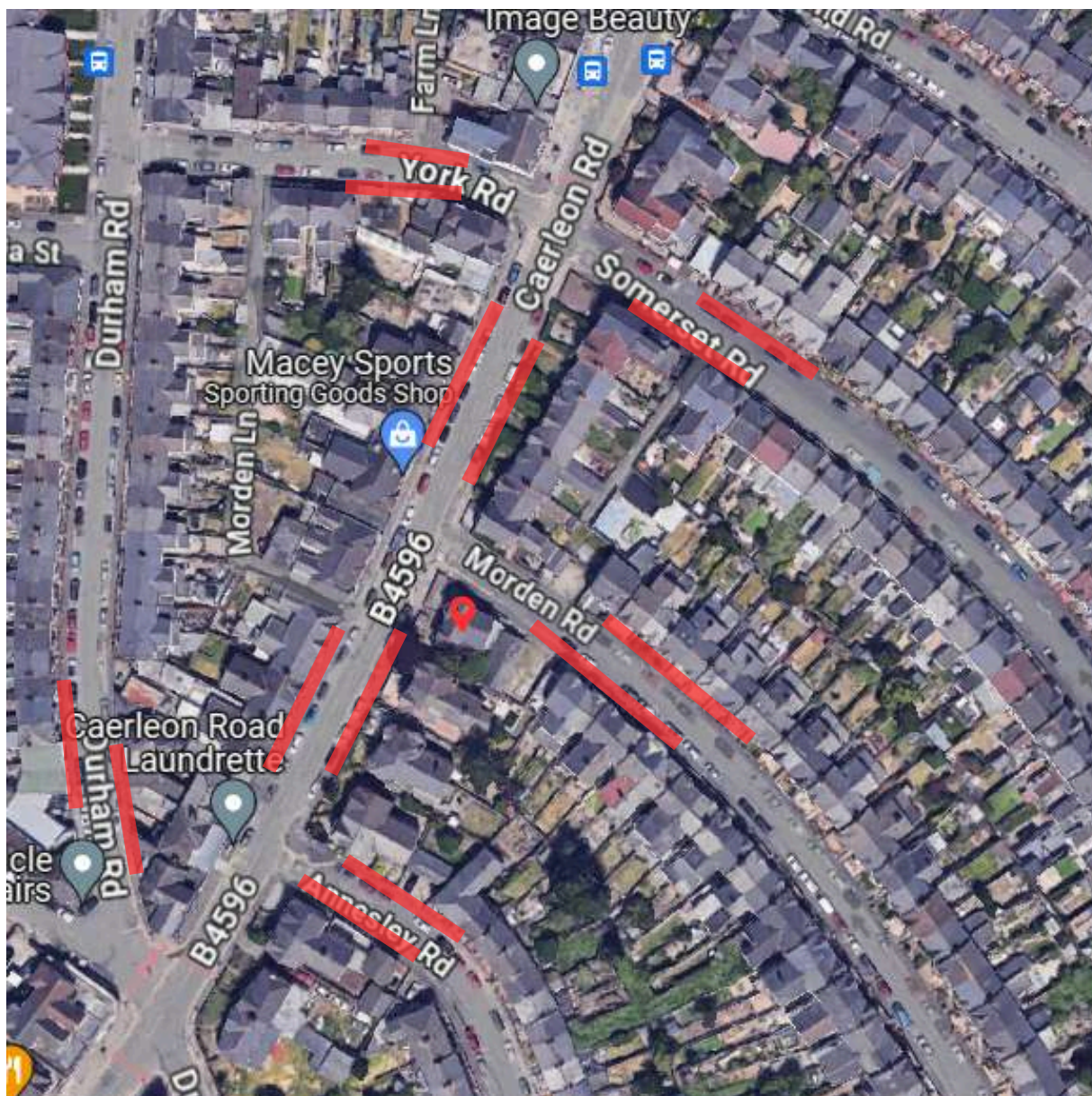


Figure 1 - Site plan marking the areas for parking (Digimap)

The red markings on the map indicate the precise locations where the photos were captured, serving as valuable data points for our comprehensive parking survey analysis. Specifically, 140 Caerleon Road is distinguished by a distinct red marker, facilitating a focused examination of parking opportunities in the vicinity of the property.

2.1 The parking survey was conducted on 12 different roads located closest to the property as presented in figure 1.

2.2 The property is located on Caerleon road, in a residential area nestled within the picturesque landscape of Newport, Wales. The property boasts excellent accessibility, with convenient access to public transportation networks and ample parking facilities. Situated in close proximity to several bus stops and train stations, the property offers seamless connectivity to key destinations within Newport and beyond, with nearby parking options, including on-street parking. It's worth noting that the city centre is only a leisurely 20-minute walk from the property.

2.3 Caerleon road is situated on the same main road as the property. The neighbouring streets primarily offer parking opportunities, though some sections are marked with double yellow lines indicating restricted parking and one-way routes, thereby limiting parking directly accessible from the main Caerleon Road. Accessing parking on these one-way roads requires circumnavigating as they are not directly accessible from the main Caerleon Road.

The surrounding area consists of a mix of terraced houses, some semi-detached, and detached houses. In addition, the area has many small businesses, local amenities and the St Julian's school less than a mile away from the property.

2.4 Annesley Road, Morden Road, and Somerset Road comprise a network of one-way roads characterised by a mix of residential properties and local businesses. These roads are predominantly lined with traditional terraced houses. Parking along these streets varies, with some sections offering on-street parking opportunities, while others may have restricted parking due to double yellow lines. Despite being one-way roads, they provide convenient access to nearby amenities, including shops, cafes, and parks.

2.5 York Road is characterised by its predominantly one-way traffic flow and mixed residential and commercial properties. This road has distinct road markings, with stretches adorned with double yellow lines, indicating restricted parking, and single yellows for limited parking opportunities. Despite the restricted parking, there are still pockets of space available for parking along the road, providing convenience for residents and visitors alike. Notably, York Road is accessible from Caerleon Road, serving as a vital artery connecting this neighbourhood to the wider road network of Newport.

2.6 Durham Road is primarily lined with traditional terraced houses, some sections may feature modern dwellings, as well as commercial units. Parking along Durham Road is generally available, with ample space along the roadside for residents and visitors. Additionally, the road is well-connected to nearby amenities and arterial routes, ensuring convenient access to essential services and transportation links.

3.0 Parking Survey Images

3.1 Monday 29th April - 2:30pm



Figure 2 - Caerleon Road (East)



Figure 3 - Caerleon Road (East)



Figure 4 - Caerleon Road (West)



Figure 5 - Caerleon Road (West)



Figure 6 - Morden Road (North)



Figure 7 - Morden Road (South)



Figure 8 - Somerset Road (North)



Figure 9 - Somerset Road (South)



Figure 10 - York Road (North)



Figure 11 - York Road (South)



Figure 12 - Durham Road (East)



Figure 13 - Durham Road (West)



Figure 14 - Annesley Road (North)



Figure 15 - Annesley Road (South)

3.2 Wednesday 1st May - 4:30pm



Figure 16 - Caerleon Road (East)



Figure 17 - Caerleon Road (East)



Figure 18 - Caerleon Road (West)



Figure 19 - Caerleon Road (West)



Figure 20 - Morden Road (North)



Figure 21 - Morden Road (South)



Figure 22 - Somerset Road (North)



Figure 23 - Somerset (South)



Figure 24 - York Road (North)



Figure 25 - York Road (South)



Figure 26 - Durham Road (East)



Figure 27 - Durham Road (West)



Figure 28 - Annesley Road (North)



Figure 29 - Annesley (South)

4.0

4.1 Tuesday 30th April - 12:30am



Figure 30 - Caerleon Road (East)

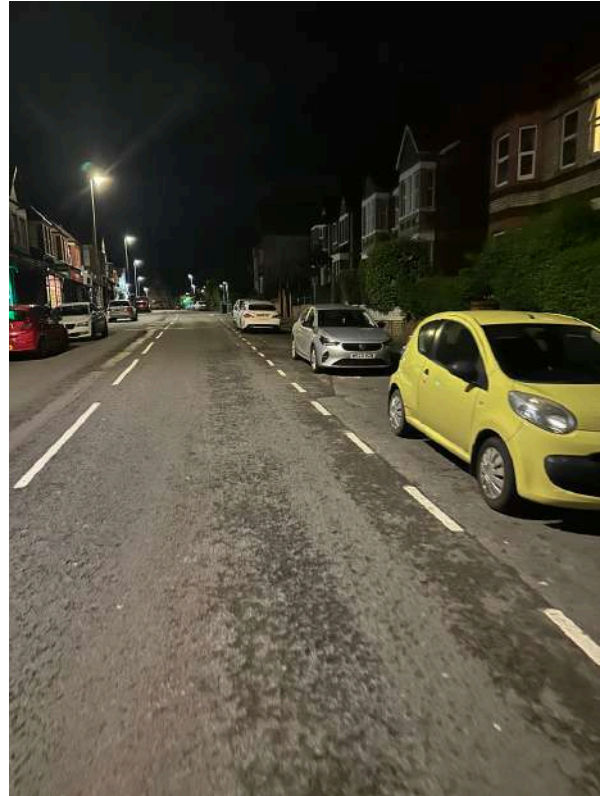


Figure 31 - Caerleon Road (East)



Figure 32 - Caerleon Road (West)



Figure 33 - Caerleon Road (West)



Figure 34 - Morden Road (North)



Figure 35 - Morden Road (South)



Figure 36 - Somerset Road (North)

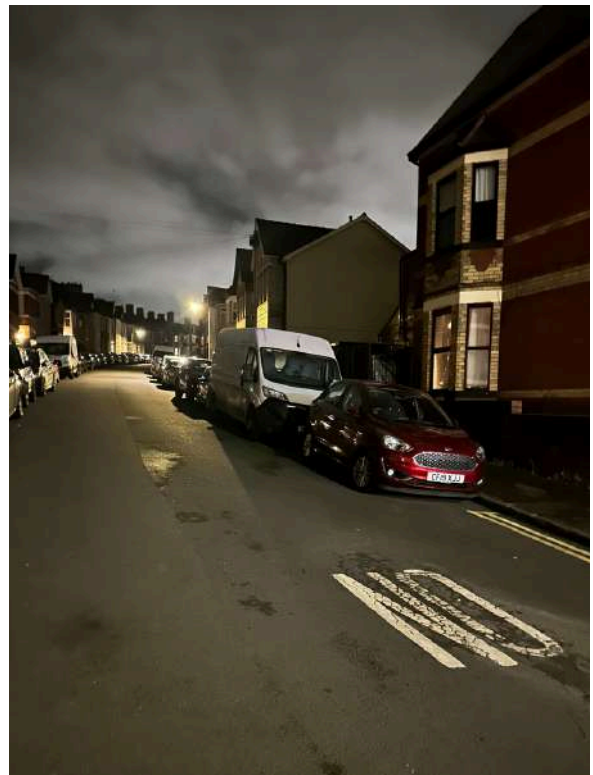


Figure 37 - Somerset Road (South)



Figure 38 - York Road (North)

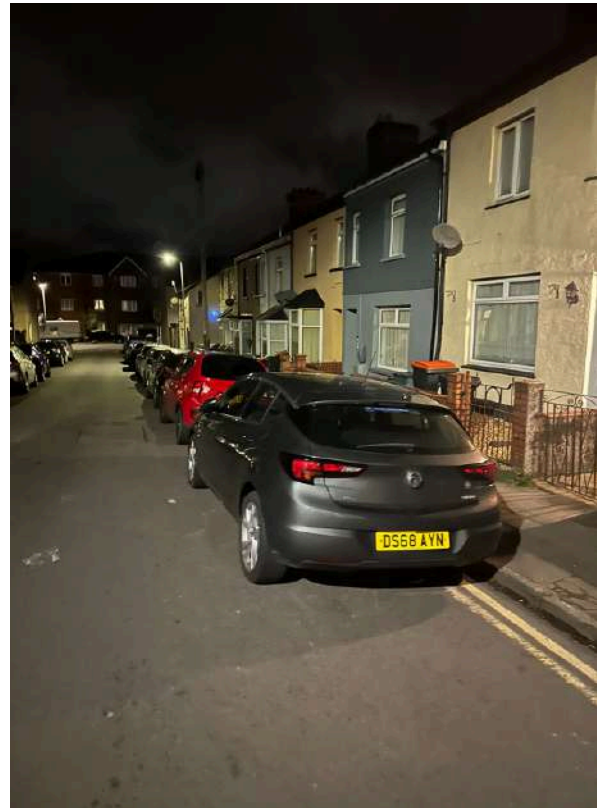


Figure 39 - York Road (South)



Figure 40 - Durham Road (West)



Figure 41 - Durham Road (East)



Figure 42 - Annesley Road (North)



Figure 43 - Annesley Road (South)

4.1 Thursday 2nd May - 2:30am



Figure 44 - Caerleon Road (East)



Figure 45 - Caerleon Road (East)



Figure 46 - Caerleon Road (West)

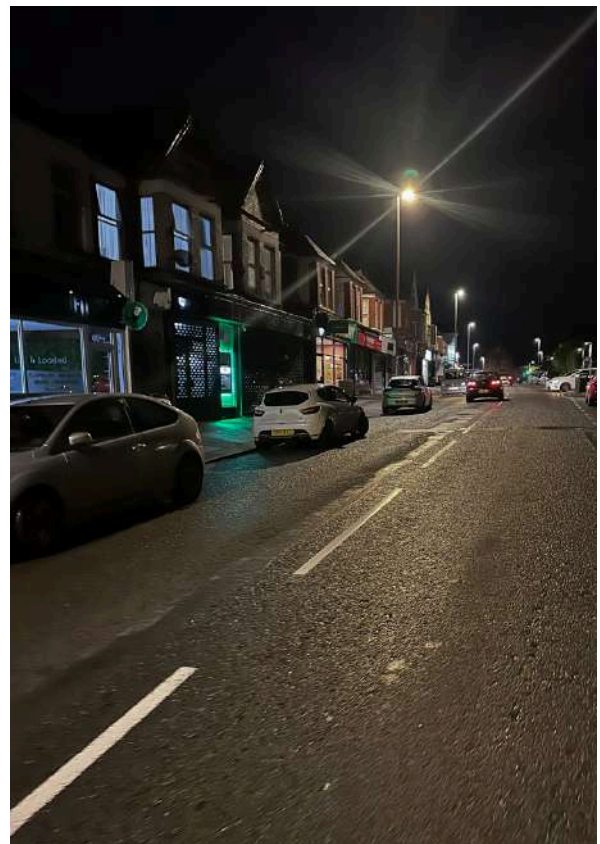


Figure 47 - Caerleon Road (West)



Figure 48 - Morden Road (North)



Figure 49 - Morden Road (South)



Figure 50 - Somerset Road (North)

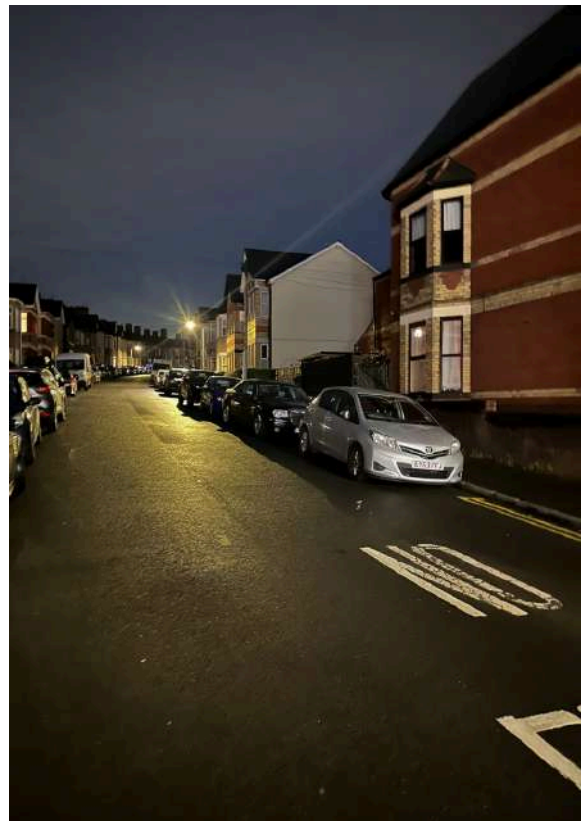


Figure 51 - Somerset Road (South)



Figure 52 - York Road (North)



Figure 53 - York Road (South)

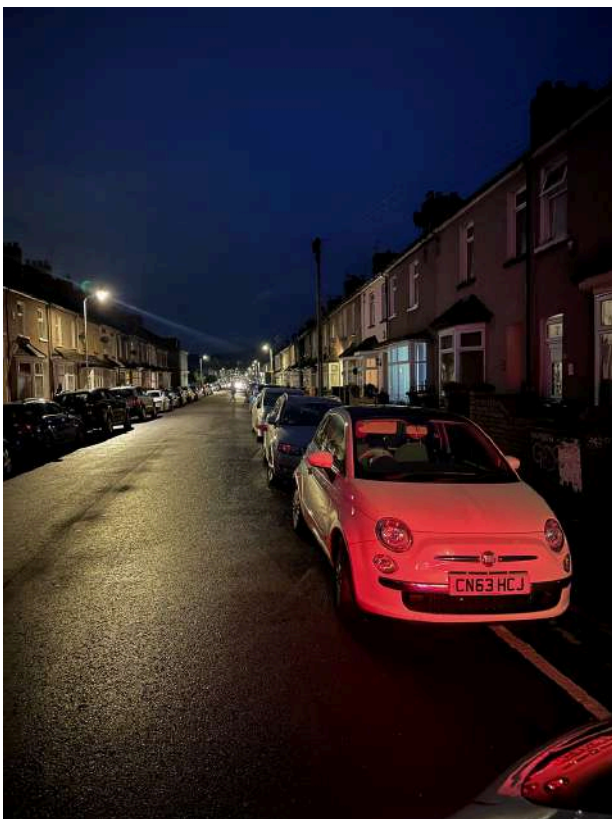


Figure 54 - Durham Road (East)



Figure 55 - Durham Road (West)



Figure 56 - Annesley Road (North)

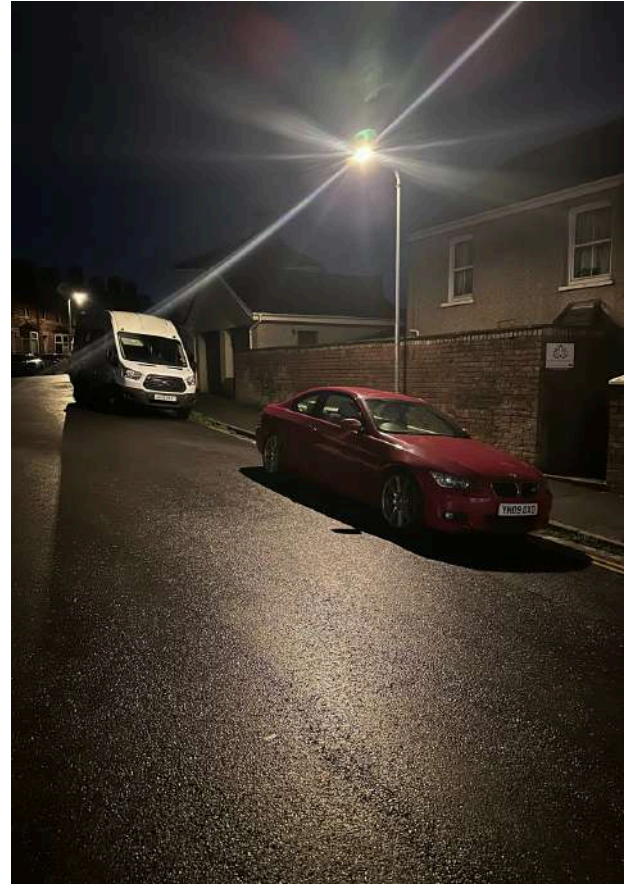


Figure 57 - Annesley Road (South)

5.0 Survey Table

5.1 Unrestricted Parking - Day time

Street	Available Kerbside Parking Length (Metres)	Available Kerbside Parking Spaces (Numbers)	Monday 29th April at 2:30pm (Number of Cars)	Monday 29th April at 2:30pm (% Occupied)	Wednesday 1st May at 4:30pm (Number of Cars)	Wednesday 1st May at 4:30pm (% Occupied)
Caerleon Road (East)	85	13	10	76.92	12	92.31
Caerleon Road (West)	131	22	18	81.82	20	90.90
Morden Street (North)	125	20	18	90.00	19	95.00
Morden Street (South)	129	21	20	95.24	18	85.71
Somerset Road (North)	190	37	35	94.59	36	97.29
Somerset Road (South)	139	26	25	96.15	25	96.15
York Road (North)	46	8	7	87.50	7	87.50
York Road (South)	48	8	6	75.00	6	75.00
Annesley Road (North)	51	10	9	90.00	9	90.00
Annesley Road (South)	41	7	5	71.43	5	71.43
Durham Road (East)	96	17	15	88.24	16	94.12
Durham Road (West)	99	18	17	94.44	17	94.44
TOTAL	1180	207	185	89.37	190	91.79

5.2 Unrestricted Parking - Night time

Street	Available Kerbside Parking Length (Metres)	Available Kerbside Parking Spaces (Numbers)	Tuesday 30th April at 00:30am (Number of Cars)	Tuesday 30th April at 00:30am (% Occupied)	Thursday 2nd May at 2:30am (Number of Cars)	Thursday 2nd May at 2:30am (% Occupied)
Caerleon Road (East)	85	13	8	61.54	9	69.23
Caerleon Road (West)	131	22	14	63.63	17	77.27
Morden Street (North)	125	20	18	90.00	19	95.00
Morden Street (South)	129	21	20	95.24	20	95.24
Somerset Road (North)	190	37	35	94.59	37	100.00
Somerset Road (South)	139	26	26	100.00	25	96.15
York Road (North)	46	8	8	100.00	7	87.50
York Road (South)	48	8	6	75.00	7	87.50
Annesley Road (North)	51	10	8	80.00	8	80.00
Annesley Road (South)	41	7	7	100.00	6	85.71
Durham Road (East)	96	17	16	94.12	16	94.12
Durham Road (West)	99	18	18	100.00	18	100.00
TOTAL	1180	207	184	88.88	189	91.30

7.0 Conclusion / Results

4.1 This Parking Survey has been prepared by Harvey Bowes on behalf of the client, in support of a planning application for submission to Newport Council.

4.2 Parking in the vicinity of Caerleon Road, where the property is located, predominantly offers unrestricted access, free from permits or time constraints. The only notable restrictions are marked by double yellow lines, necessitating caution for drivers. Given the absence of parking restrictions in these areas, our survey concentrated on zones where parking regulations weren't enforced, rendering surveys unnecessary in places where vehicles wouldn't typically park.

4.2 A parking survey was carried out in accordingly for the analysis of parking at Caerleon Road where the property is located and the results indicate that:

Average parking occupancy for the survey area across the day time survey days was at 90.58% capacity during the day. The peak parking occupancy for the study area during the day time was at 4:30pm on Wednesday 1st May, with a nearly full capacity used. The lowest parking occupancy found among all the roads in the survey was on Annesley road, Caerleon road and York road.

The night time survey had an average parking occupancy of 90.09% capacity. The peak parking occupancy for the study area was at 2:30am on Thursday 2nd May. The lowest parking occupancy found among all the roads in the survey was on Caerleon road and Annesley, in particular Caerleon road on the East side with an occupancy of 61.54%.

4.4 The results indicate that there is a reasonable and acceptable amount of available capacity for car parking users in the vicinity of the application site. It is considered that the proposed development will not have any impact on the availability of car parking near the site, particularly because it includes garages and designated parking spaces, along with promoting bicycle use. The survey data gathered indicates adequate parking options in the area, revealing that there are still numerous vacant spaces for vehicles to park without reaching full capacity on all roads.

Additionally, given the property's location, alternative transportation options remain conveniently accessible for individuals without access to a vehicle.