



NENE VALLEY

Transport Planning

SEPTEMBER, 2023

PARKING SURVEY REPORT

THE SITE OF FORMER PUBLIC
CONVENIENCE, CAERLEON
ROAD

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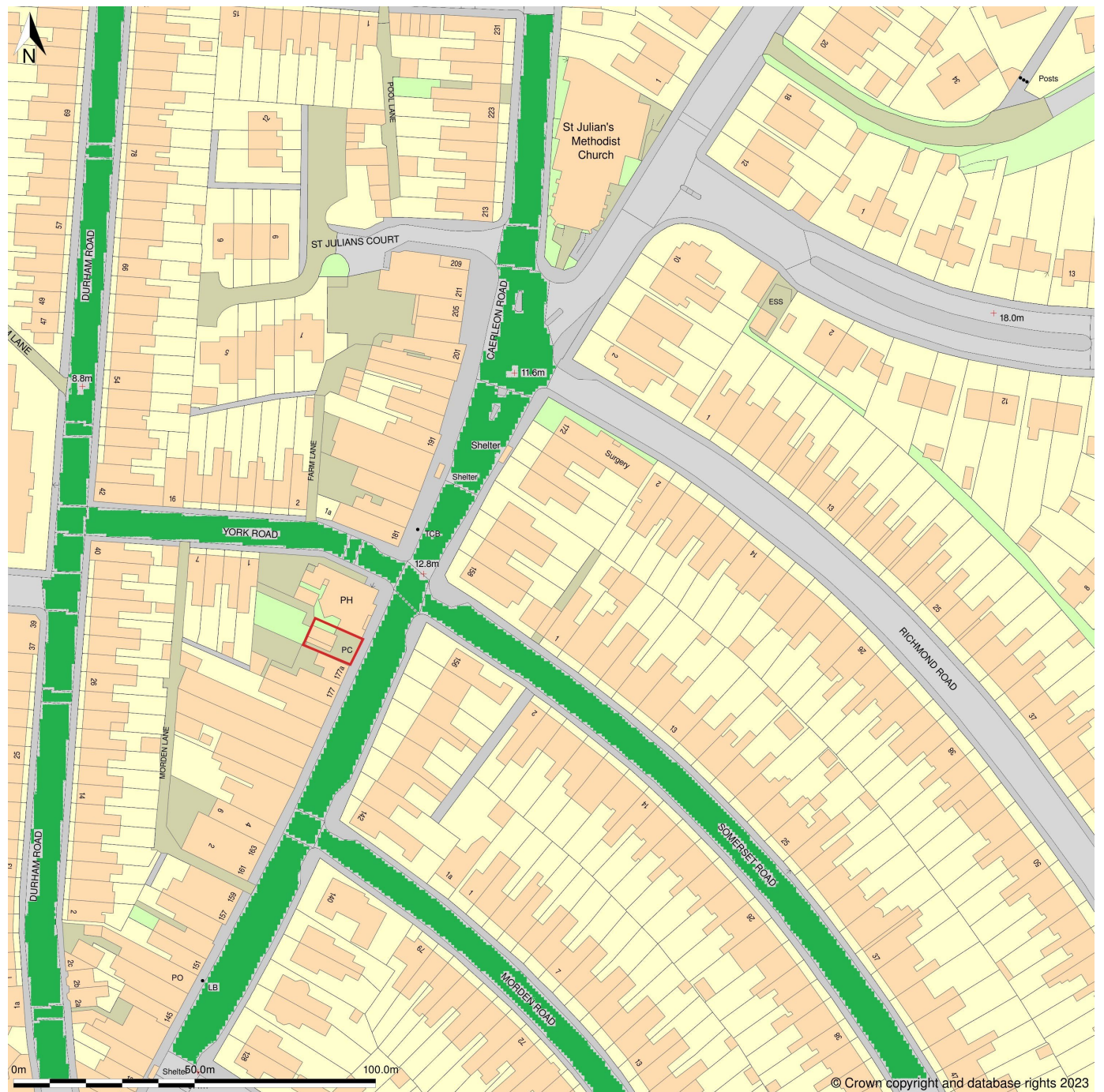
INTRODUCTION

- 1.1 Nene Valley Transport Planning Consultants Ltd (NVTP) has been commissioned by Urbanvestments (uk) Limited to conduct a parking survey report to accompany a planning application for the **CHANGE OF USE OF DISUSED PUBLIC CONVENIENCE TO A3 WITH SINGLE STOREY SIDE EXTENSION AND FIRST FLOOR EXTENSION TO CREATE STUDIO FLAT WITH EXTERNAL ALTERATIONS** at the site of the former Public convenience located on Caerleon Road (adjacent to 179-181 Caerleon Road, Newport NP19 7FX)
- 1.2 The site has no onsite car parking provision therefore on-street parking availability has been assessed by way of a car parking beat survey. The extent of the study area was defined as a 200m walking distance from the site
- 1.3 This document will explain the methodology behind the survey, provide evidence and analyse the result of the survey.

METHODOLOGY

- 2.1 The parking beat survey was conducted in accordance with the [Lambeth Council Parking Survey Guidance Note](#)
- 2.2 The parking beat survey was conducted by NVTP during the hours of 00.30 and 05.30 on two separate weekday nights on Tuesday 19th and Wednesday 20th September 2023
- 2.3 Additional surveys were conducted to on Tuesday 19th and Wednesday 20th September between 13.00 and 15.00 to ascertain parking stress during the daytime
- 2.4 The survey was conducted during term time to ensure that it demonstrates a true representation of parking availability within the vicinity of the site
- 2.5 The survey was conducted in an area approximately 200m walking distance from the site
- 2.6 The survey included the following streets:
 - Caerleon Road from the Durham road junction until the Orchard Street Junction
 - Durham Road from Number 2- Number75
 - Morden Road from the Caerleon Road junction until number 15 Morden Road
 - Somerset Road from the Caerleon Road junction until number 37 Somerset Road
 - York Road

Figure 1 Site location highlighted in red and survey area highlighted in green



2.7 Parking capacity is based on 5m per vehicle space and does not include the following:

- if the site is in a CPZ any parking bays in an adjoining CPZ
- Any CPZ bays within the survey area where the site itself does not fall into a CPZ
- Private roads and housing estate roads
- Places where drivers are unlikely to park, for example: Locations where parking is restricted due to the width of the road or waiting restrictions are in place.
- Areas that may present highway or personal safety issues, or difficulty in accessing the parking, such as on a major road, in areas with poor surveillance, etc

2.8 The following restrictions broadly cover those found on site:

- Double yellow lines (no waiting at any time);
- Single yellow lines (no waiting between specified times);
- Disabled parking;
- Loading bays;
- Bus-stop clearways;
- Bus Stops / Stands;
- Pedestrian crossing zig-zag markings;
- Access protection markings (H-Bars);

2.9 An initial audit was undertaken in order to establish baseline information on the different types of kerbside restrictions and the distances of all kerb side space located on the public highway, noting areas of restricted and non-restricted carriageway.

2.10 On the basis of this data, the carriageway was split into theoretical spaces for parking, either as unrestricted kerbside or fully, or partially, restricted kerbside e.g. single or double yellow lines. Each individual section of carriageway was measured and divided by 5 metres (assumed to be a typical vehicle length). The result were rounded down for all calculations e.g. if a length of restriction was only 4 metres then it was not classified as a place to park.

2.11 Photographs were taken of each parking space with a clear timestamp showing the time, date and approximate location of where the picture was taken. The results have then been plotted onto an OS base map

2.12 The streets selected for survey are within the 200m walking distance from the site and have been selected as these were deemed 'practical driving routes' based on existing travel habits

RESULTS

Survey 1:

3.1 The first survey was conducted on Tuesday 19th September between the hours of 00.30 and 05.30

3.2 The following roads were surveyed to assess the availability of on street parking:

- Caerleon Road from the Durham road junction until the Orchard Street Junction
- Durham Road from Number 2- Number75
- Morden Road from the Caerleon Road junction until number 15 Morden Road
- Somerset Road from the Caerleon Road junction until number 37 Somerset Road
- York Road

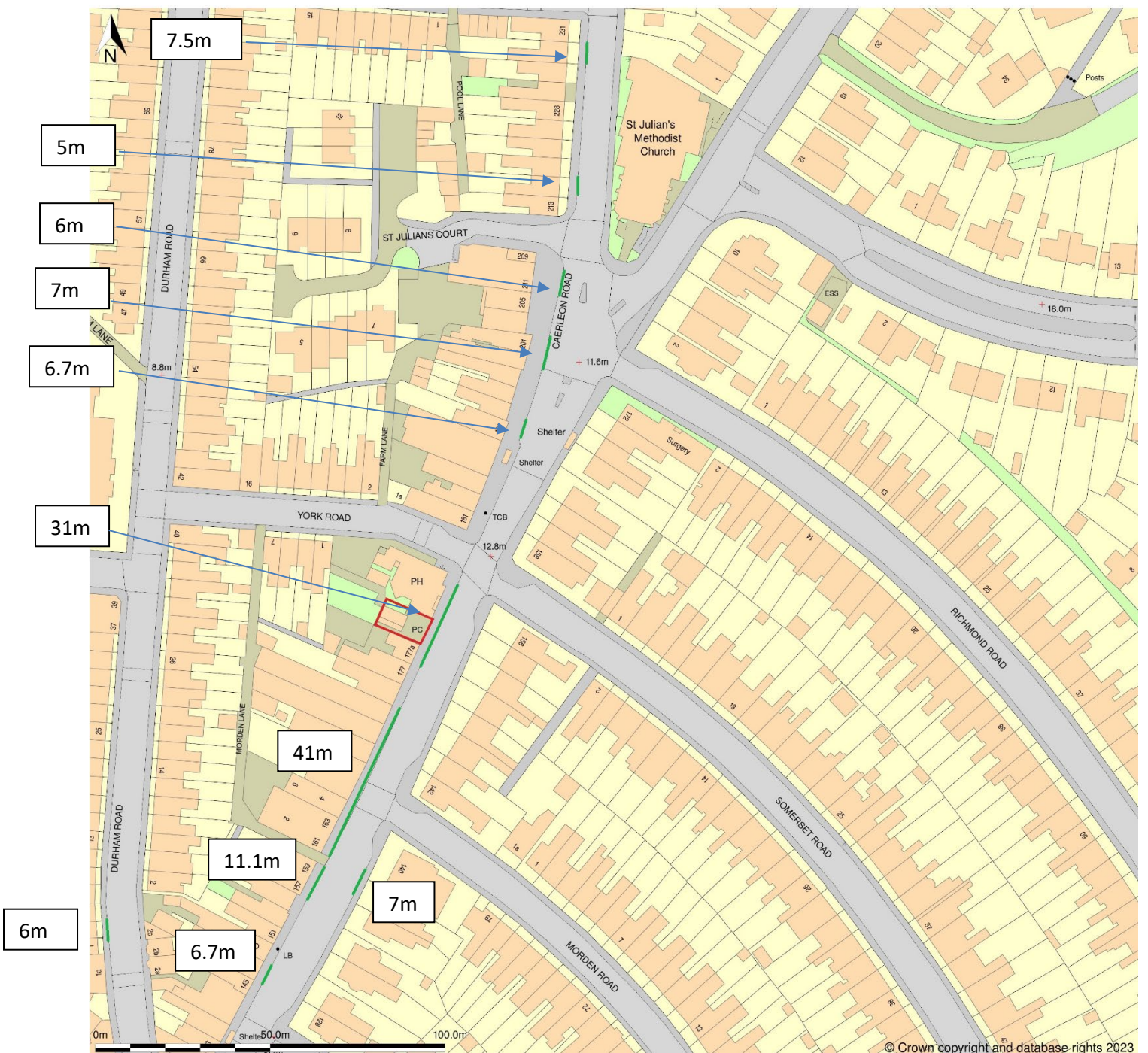
Table 1 Survey 1 results summary

Location	Length of road (m)	Length of kerb space (m)	Length of unrestricted parking (m)	Calculated spaces	available spaces	Stress (5)
Caerleon Road from the Durham road junction to the York Road junction	173	215	31.2	43	6	68.5
Caerleon Road from the York road junction to the Orchard Street junction	156	162.1	96.1	32	19	41
York Road	82.8	100	0	20	0	100
Morden Road	113	165	0	33	0	100
Somerset Road	126	215	0	43	0	100
Durham Road	131	220	8	44	1	98

3.3 The total number of 5m parking spaces available during survey 1 was **26 spaces**

EVIDENCE

Figure 2 Survey 1 available parking highlighted in green

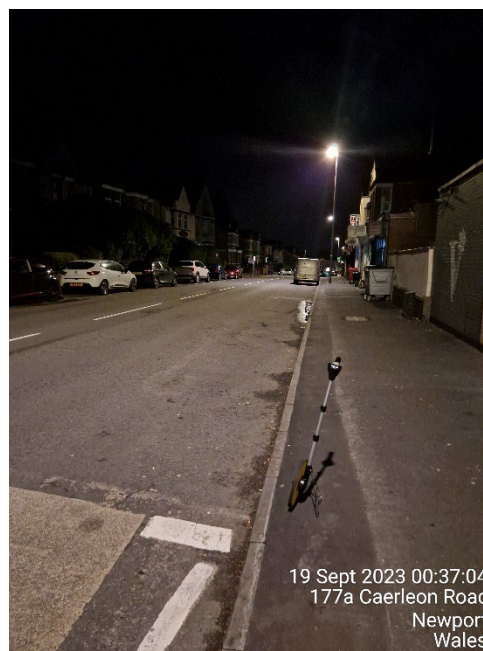


Address: Public Toilets Adjacent to 177, Caerleon Road
Title: Parking Survey Plan Tuesday 19th September
Scale: 1/1250 @ A3

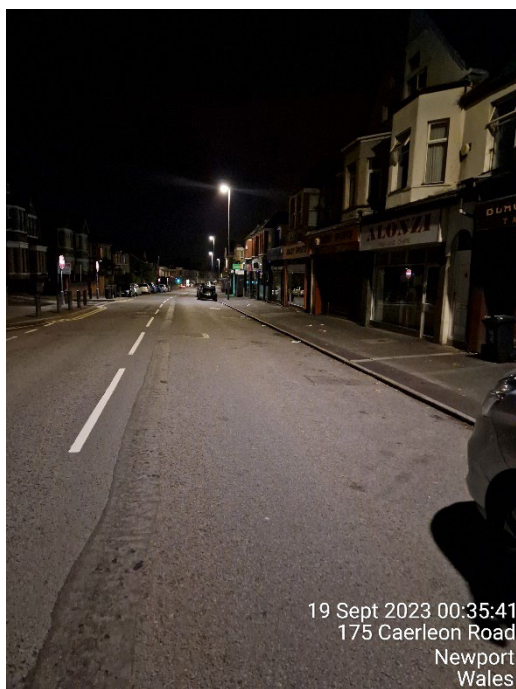
Survey 1: Caerleon Road from the Durham road junction to the York Road junction



Picture 4 7m Parking



Picture 3 31m Parking



Picture 2 41m Parking



Picture 1 6m Parking



Picture 5 11m Parking

Survey 1: Durham Road

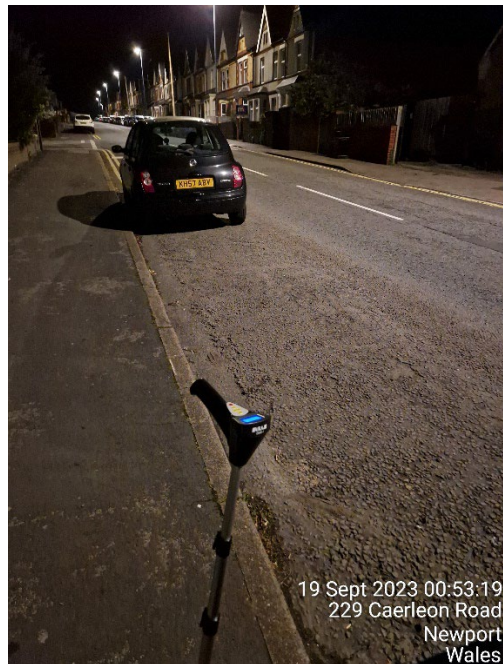


Picture 6 6m Parking

Survey 1: Caerleon Road from the York road junction to the Orchard Street junction



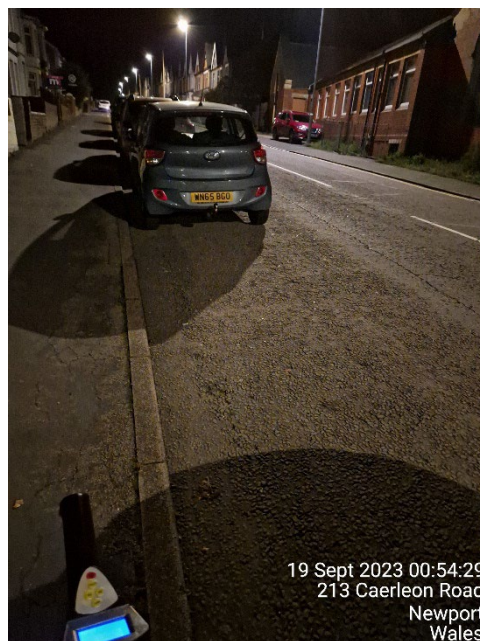
Picture 7 6.7m Parking



Picture 10 7.5m Parking



Picture 9 6m Parking



Picture 8 5m Parking



Picture 11 7m Parking

Survey 2:

3.4 The second survey was conducted on Tuesday 19th September between the hours of 13.00 and 15.00

3.5 The following roads were surveyed to assess the availability of on street parking:

- Caerleon Road from the Durham road junction until the Orchard Street Junction
- Durham Road from Number 2- Number75
- Morden Road from the Caerleon Road junction until number 15 Morden Road
- Somerset Road from the Caerleon Road junction until number 37 Somerset Road
- York Road

Table 2 Survey 2 results summary

Location	Length of road (m)	Length of kerb space (m)	Length of unrestricted parking (m)	Calculated spaces	available spaces	Stress (5)
Caerleon Road from the Durham road junction to the York Road junction	173	215	45.4	43	9	79
Caerleon Road from the York road junction to the Orchard Street junction	156	162.1	27	32	5	84
York Road	82.8	100	0	20	0	100
Morden Road	113	165	54	33	10	70
Somerset Road	126	215	71.5	43	14	68
Durham Road	131	220	133.8	44	26	41

3.6 The total number of 5m parking spaces available during survey 2 was **64 spaces**

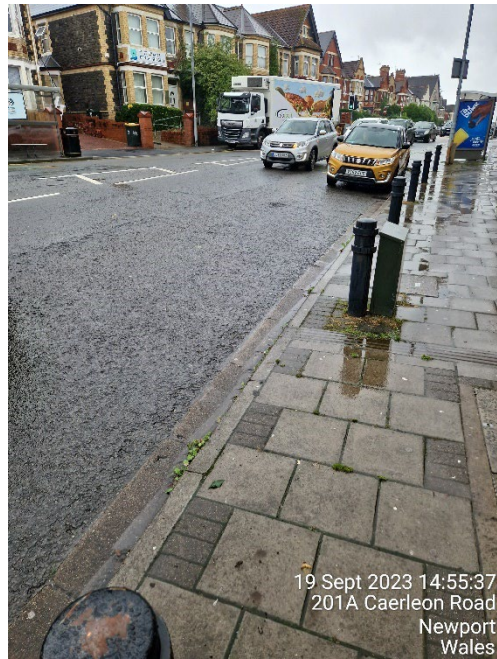
Figure 3 Survey 2 available parking highlighted in green



Survey 2: Caerleon Road from the York road junction to the Orchard Street



Picture 14 5m Parking



Picture 13 10m Parking



Picture 12 12m Parking

Survey 2: Caerleon Road from the Durham road junction to the York Road junction



Picture 16 9m Parking



Picture 15 11m Parking



Survey 2: Morden Road



Picture 20 7.7m Parking



Picture 19 9m Parking



Picture 18 7m Parking

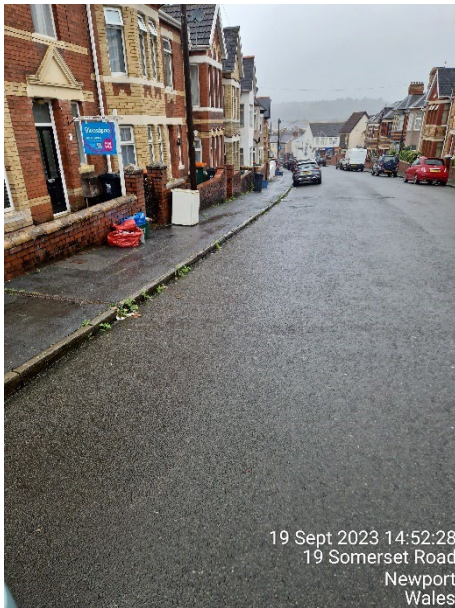


Picture 17 20m Parking



Picture 21 10m Parking

Survey 2: Somerset Road



Picture 22 27.5m Parking



Picture 23 12m Parking



Picture 25 6m Parking



Picture 24 11m Parking



Picture 27 10m Parking



Picture 26 5m Parking

Survey 2: Durham Road



Picture 28 12.5m Parking



Picture 31 6.5m Parking



Picture 30 16m Parking



Picture 29 10m Parking



Picture 35 6m Parking



Picture 34 6.2m Parking



Picture 33 8m Parking



Picture 32 17.8m Parking



Picture 39 7.6m Parking



Picture 38 7m Parking



Picture 37 13.8m Parking



Picture 36 8.0m Parking



Picture 40 17.8m Parking

Survey 3:

3.7 The third survey was conducted on Wednesday 20th September between the hours of 00.30 and 05.30

3.8 The following roads were surveyed to assess the availability of on street parking:

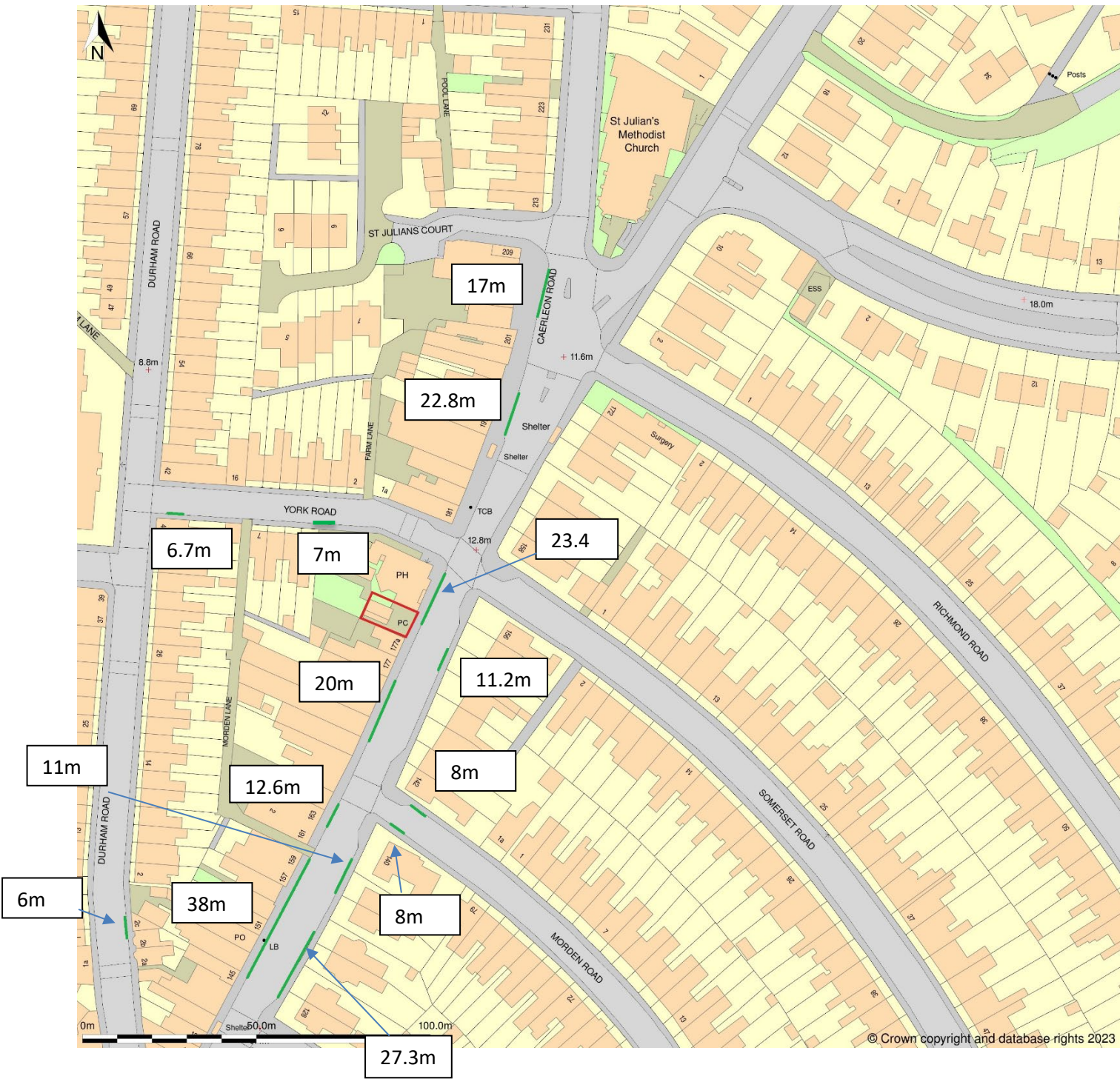
- Caerleon Road from the Durham road junction until the Orchard Street Junction
- Durham Road from Number 2- Number75
- Morden Road from the Caerleon Road junction until number 15 Morden Road
- Somerset Road from the Caerleon Road junction until number 37 Somerset Road
- York Road

Table 3 Survey 3 results summary

Location	Length of road (m)	Length of kerb space (m)	Length of unrestricted parking (m)	Calculated spaces	available spaces	Stress (5)
Caerleon Road from the Durham road junction to the York Road junction	173	215	139.9	43	27	37
Caerleon Road from the York road junction to the Orchard Street junction	156	162.1	39.8	32	7	78
York Road	82.8	100	0	20	0	100
Morden Road	113	165	16	33	3	91
Somerset Road	126	215	0	43	0	100
Durham Road	131	220	6	44	1	98

3.9 The total number of 5m parking spaces available during survey 3 was **38 spaces**

Figure 4 Survey 3 available parking highlighted in green



Address: Public Toilets Adjacent to 177, Caerleon Road
 Title: Parking Survey Plan Wednesday 20th September
 Scale: 1/1250 @ A3

Survey 3: Caerleon Road from the Durham road junction to the York Road junction



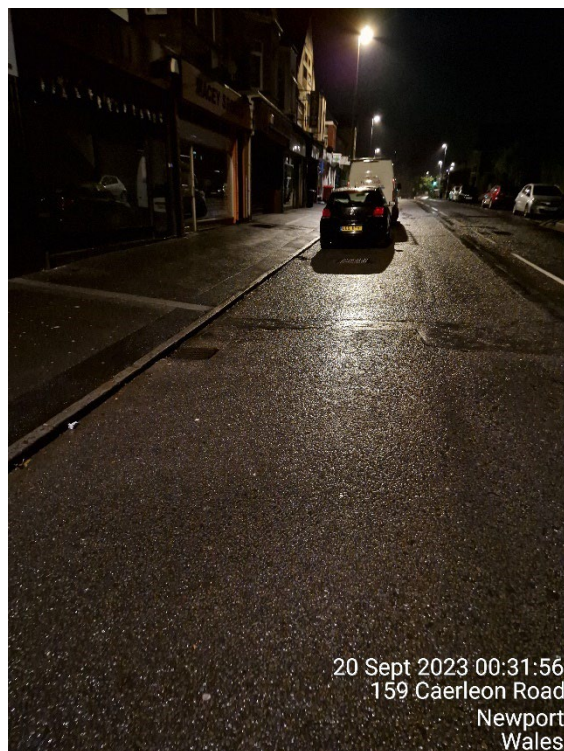
Picture 44 38m Parking



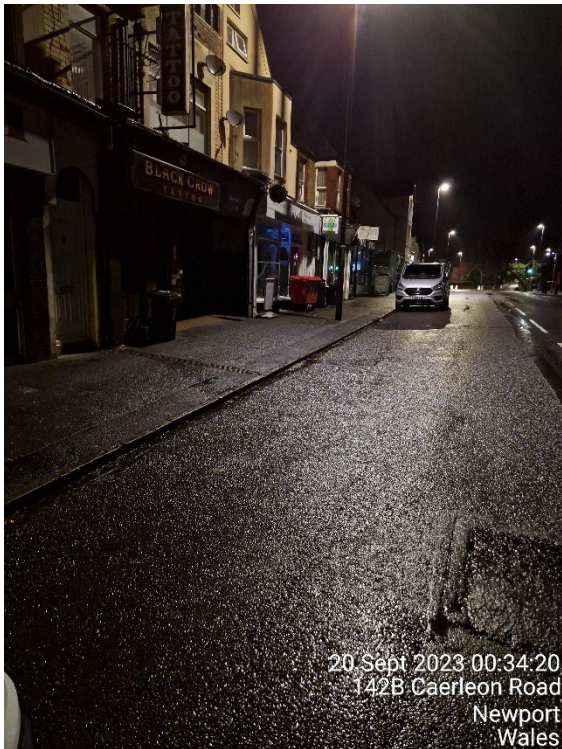
Picture 43 23.7m Parking



Picture 42 11m Parking



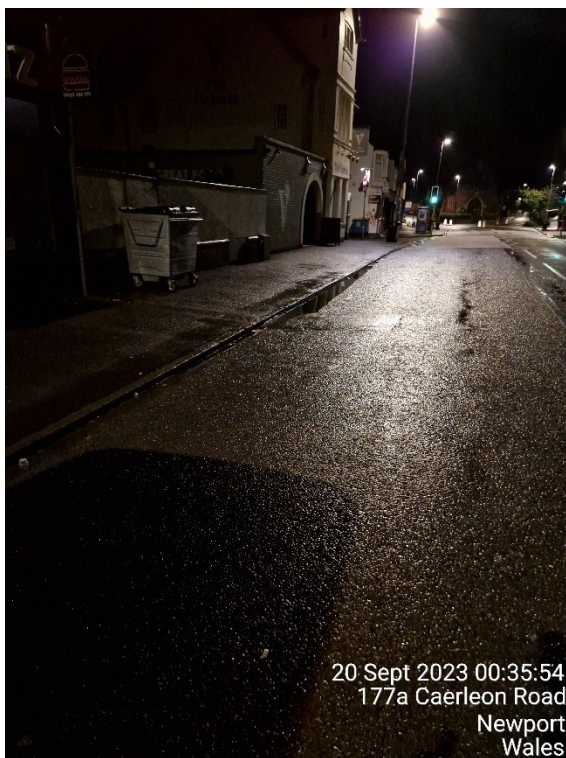
Picture 41 12.6m Parking



Picture 47 20m Parking



Picture 46 11.2m Parking

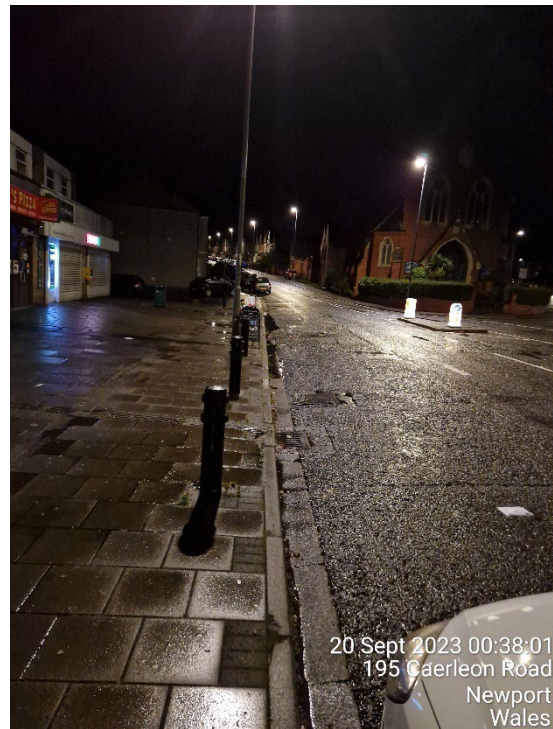


Picture 45 23.4m Parking

Survey 3: Caerleon Road from the York road junction to the Orchard Street



Picture 49 22.8m Parking



Picture 48 17m Parking

Survey 3: York Road

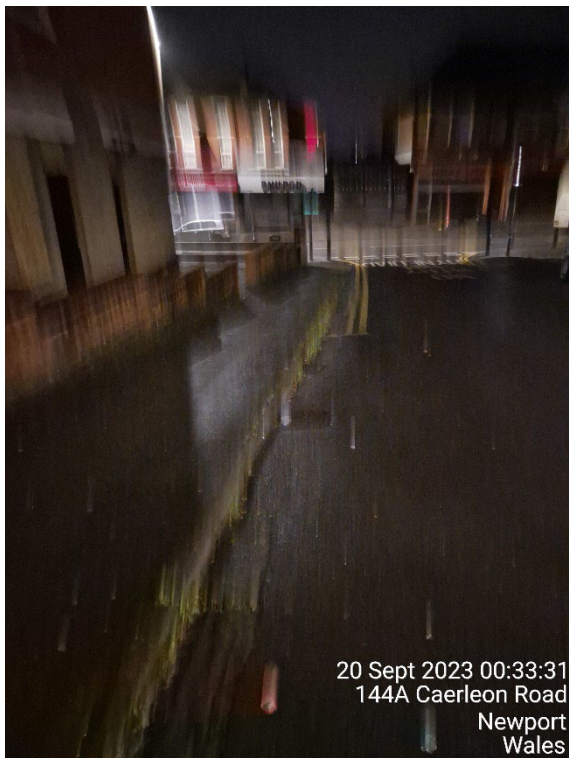


Picture 51 7m Parking



Picture 50 6.7m Parking

Survey 3: Morden Road



Picture 52 8m Parking



Picture 53 8m Parking

Survey 4:

3.10 The fourth survey was conducted on Wednesday 20th September between the hours of 13.00 and 15.00

3.11 The following roads were surveyed to assess the availability of on street parking:

- Caerleon Road from the Durham road junction until the Orchard Street Junction
- Durham Road from Number 2- Number 75
- Morden Road from the Caerleon Road junction until number 15 Morden Road
- Somerset Road from the Caerleon Road junction until number 37 Somerset Road
- York Road

Table 4 Survey 4 results summary

Location	Length of road (m)	Length of kerb space (m)	Length of unrestricted parking (m)	Calculated spaces	available spaces	Stress (5)
Caerleon Road from the Durham road junction to the York Road junction	173	215	43.8	43	8	81
Caerleon Road from the York road junction to the Orchard Street junction	156	162.1	26.4	32	5	84
York Road	82.8	100	0	20	0	100
Morden Road	113	165	72.3	33	14	58
Somerset Road	126	215	36.4	43	12	72
Durham Road	131	220	70.2	44	14	68

3.12 The total number of 5m parking spaces available during survey 4 was **53 spaces**

Figure 5 Survey 4 available parking highlighted in green



Survey 4: Caerleon Road from the York road junction to the Orchard Street



Picture 55 18.1m Parking



Picture 54 8.3m Parking

Survey 4: Caerleon Road from the Durham road junction to the York Road junction



Picture 56 9.8m Parking



Picture 57 12m Parking



Picture 59 7m Parking



Picture 58 15m Parking

Survey 4: Morden Road



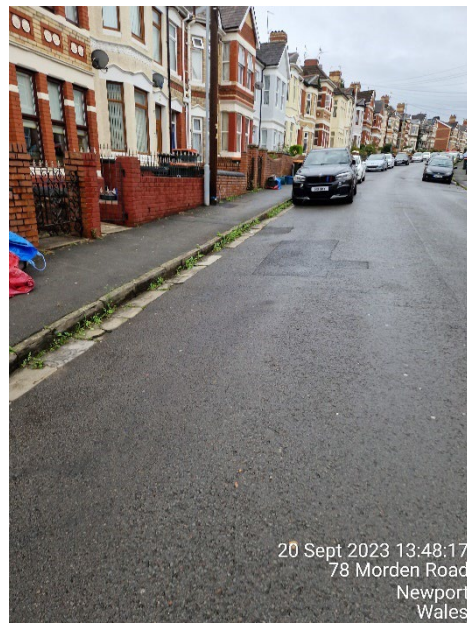
Picture 61 8m Parking



Picture 60 17m Parking



Picture 65 5m Parking



Picture 64 13m Parking



Picture 63 16.8m Parking



Picture 62 12.5m Parking

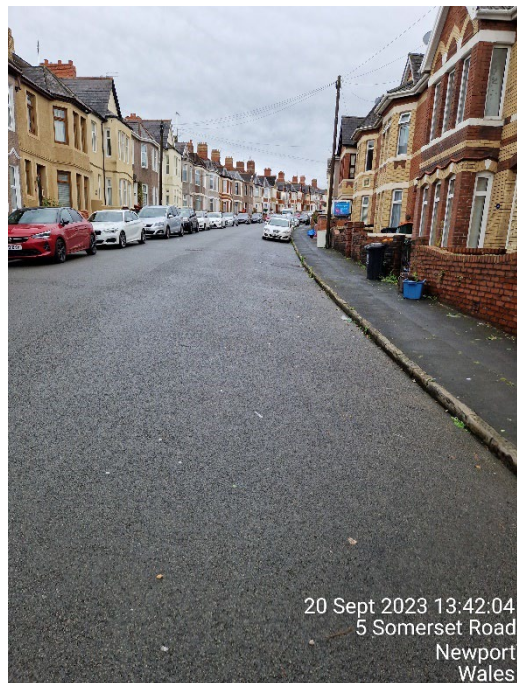
Survey 4: Somerset Road



Picture 69 6.5m Parking



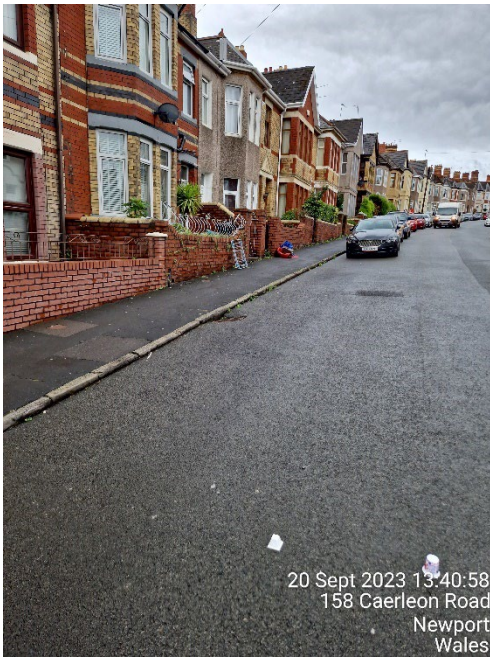
Picture 68 5.8m Parking



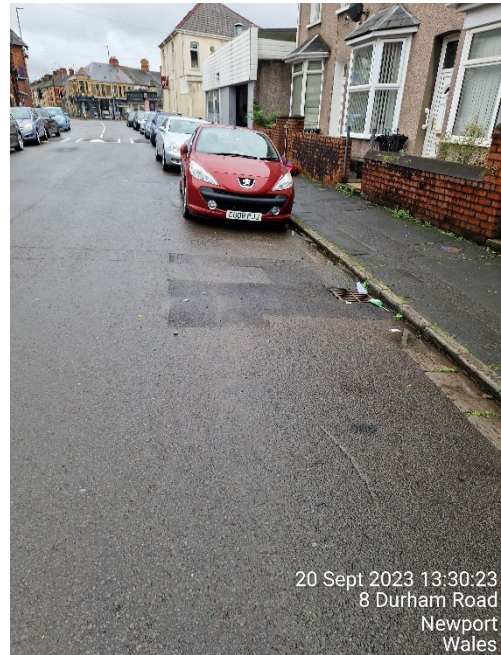
Picture 67 28.1m Parking



Picture 66 8m Parking



Picture 71 15.8m Parking



Picture 70 5m Parking

Survey 4: Durham Road



Picture 73 11.4m Parking



Picture 72 5m Parking



Picture 77 9.8m Parking



Picture 76 6.6m Parking



Picture 75 9m Parking



Picture 74 13m Parking



Picture 78 7.8m Parking

SUSTAINABILITY TEST: NEWPORT PARKING STANDARDS 2015

- 4.1 A sustainability test has been conducted, in accordance with the Newport Parking Standards 2015 which states the following:

Sustainability points will be awarded to developments that meet the criteria below for their proximity as regards walking distance to local facilities, public transport, a cycle route and the frequency of the local public transport. Award of these sustainability points will result in a reduction in parking requirement.

- 4.2 There are a number of food stores, chemist and a post office within a 200m distance of the site, located on . This gives the site **3 sustainability points**
- 4.3 Richmond Doctors Clinic is located within a 200m walking distance, this scores an additional **3 sustainability points for local facilities**
- 4.4 St Julian's is located within a 800m walking distance, this scores an additional **1 sustainability points for local facilities**
- 4.5 There is a bus stop located less than 100m from the site and is located on Caerleon Road, this gives the site **3 sustainability points**
- 4.6 Whilst the site benefits from excellent connectivity the closest off road cycle route (National Cycle Route 47) is more than 200m away and therefore resulting in zero sustainability points based on closest to a cycle route
- 4.7 Frequency of Public Transport: Bus or rail service within 800 m walking distance which operates consistently between 7 am and 7 pm. Deduct one point for service which does not extend to these times. The site scores **3 points**
- The bus stop located on Caerleon Road which is served by 26C, 26A, 27, 29 and 29A runs services between 7am and 7pm.
- 4.8 The Total number of sustainable points awarded to the site is 13 and therefore results in a reduction in parking requirement by **two spaces**

CONCLUSION

- 4.1 The parking beat survey indicates that there is a maximum of 215 legal parking spaces within 200m walk from the site
- 4.2 The average number of available 5m parking spaces during the night time survey is: **30 spaces**
- 4.3 The average number of available 5m parking spaces during the day time survey is: **58 spaces**
- 4.4 The results of the sustainability test clearly demonstrate the close proximity of the site to key amenities and public transport thus reducing the need for car ownership and usage
- 4.5 The results of the parking beat survey demonstrate adequate capacity for on street parking within the vicinity of the development
- 4.6 Each dwelling will be provided with a Travel information packs detailing the various sustainable travel options available