

Introduction

This document is prepared by PWP Architects in response to a request to provide evidence for the use and capacity of the carpark located at 13 Middle Park Way during the evening.

At present, the carpark is providing a total of 17 marked parking bays including a disabled parking. However, the maximum parking capacity exceeds 17 spaces in reality, as the general public park their cars next to kerb where there is no road line marking and central area zone when the marked parking bays are all occupied. On that account, we have counted 10 notional parking spaces within the carpark, and please refer to **Fig.1, 2 and 3** for the evidences of the notional parking spaces. There no restriction or enforcement to stop the local parking their cars on the identified notional parking spaces at the moment.

Hence, it is important for this parking survey to include all the identified notional parking spaces as this is how this carpark operates at a regular basis.



Fig.1 - Google satellite map showing the **marked** and **notional** parking spaces.



Fig.2 - Google Street view 1

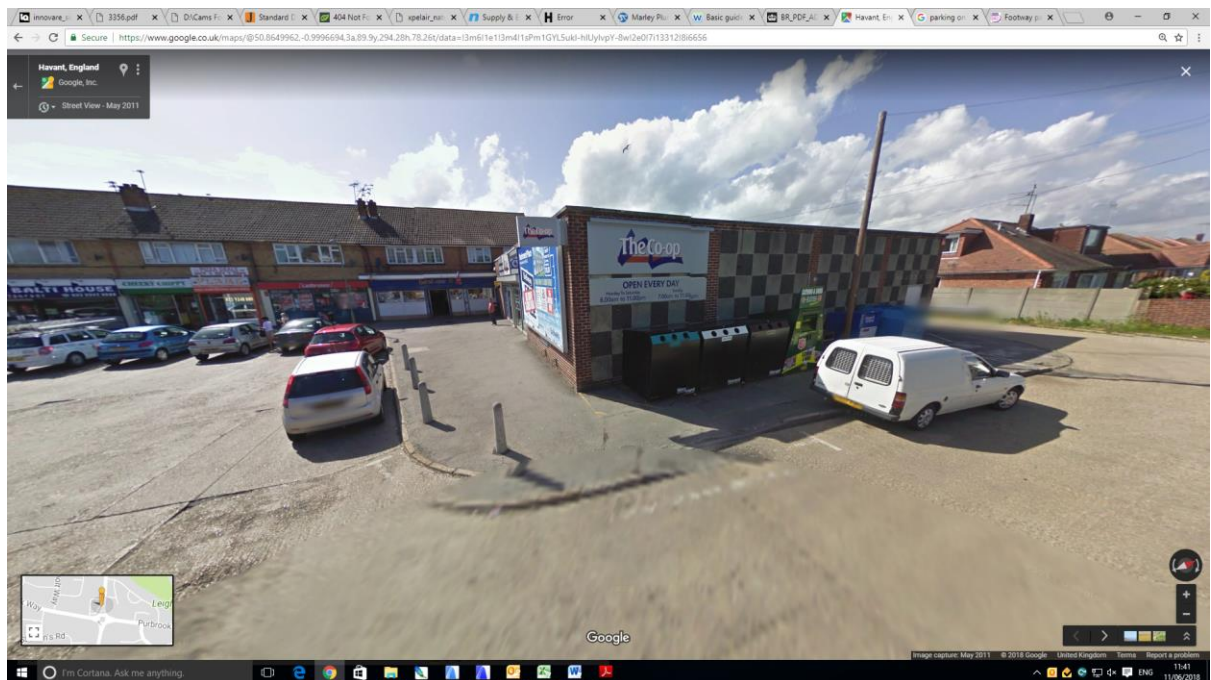


Fig.3 - Google Street view 2

This survey was carried out every **half an hour** from **15:00** to **21:30** on **Thursday, Friday, Saturday** and **Sunday**. This should provide a good representative sample data for the parking capacity for weekday and weekend. As mentioned by the Councillor, the carpark busiest hours are from the evening as this is when most shops open, and therefore the chosen survey time frame is suitable for this report. The survey was conducted through a tick-box exercise to count the amount of parked cars in the carpark, please find the appendices for a sample of parking survey record sheet.

Result

A bar chart diagram is used to represent how many car parking spaces including the notional spaces are being occupied every half an hour from 15:00 to 21:30 Thursday to Sunday. The red bar is showing the how many spaces are being occupied, and the light green shows how many vacant spaces are available at a specific time.

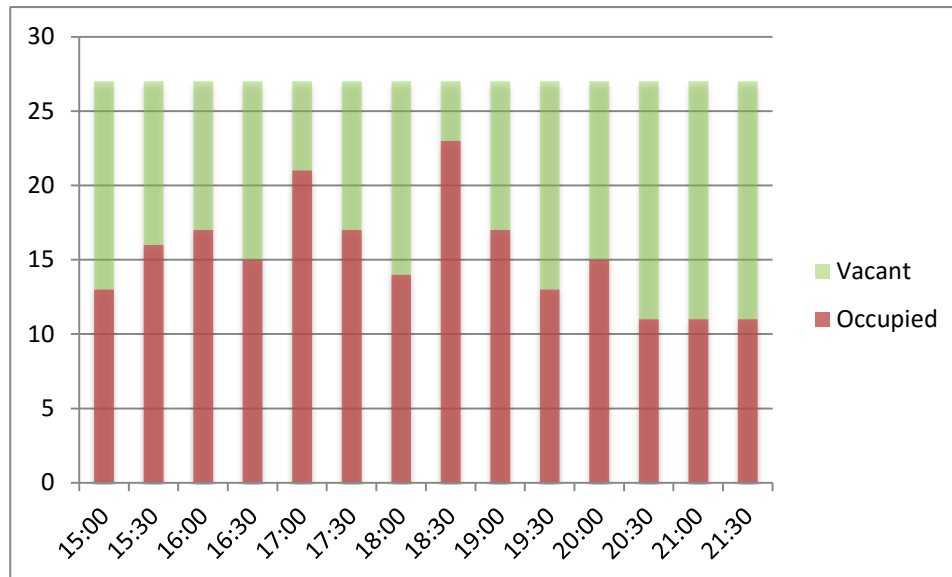


Fig.4 – Thursday 15:00-21:30 parking survey result (with notional parking space)

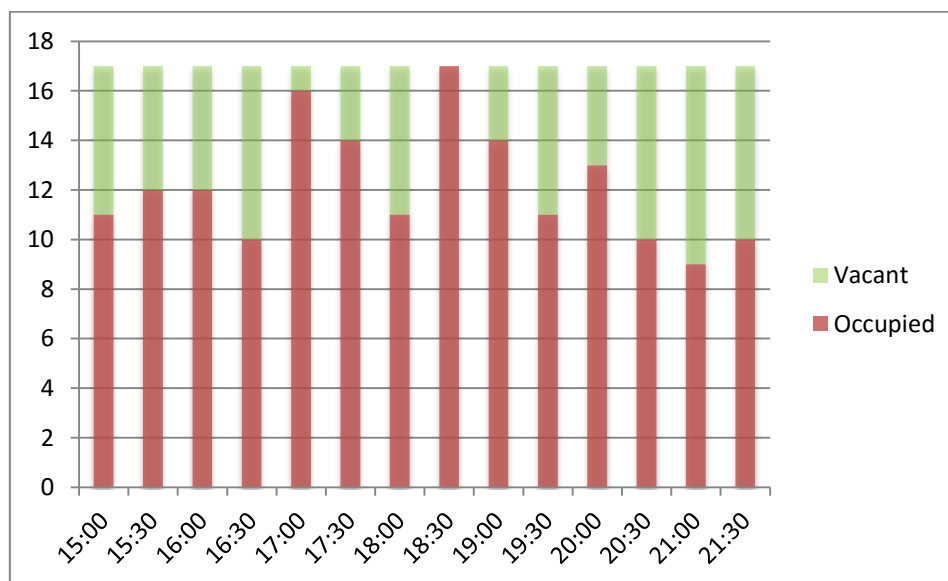


Fig.4A – Thursday 15:00-21:30 parking survey result (without notional parking space)

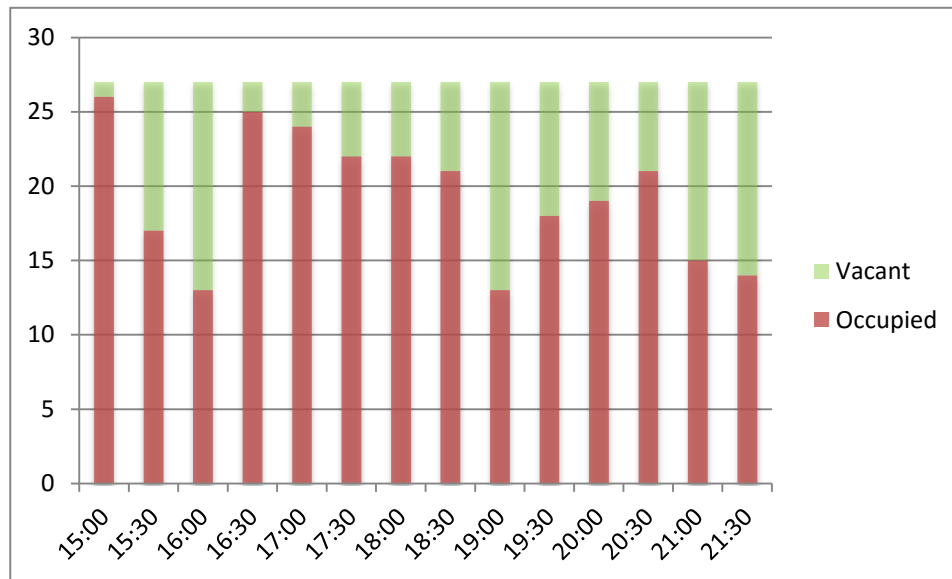


Fig. 5 – Friday 15:00-21:30 parking survey result (with notional parking space)

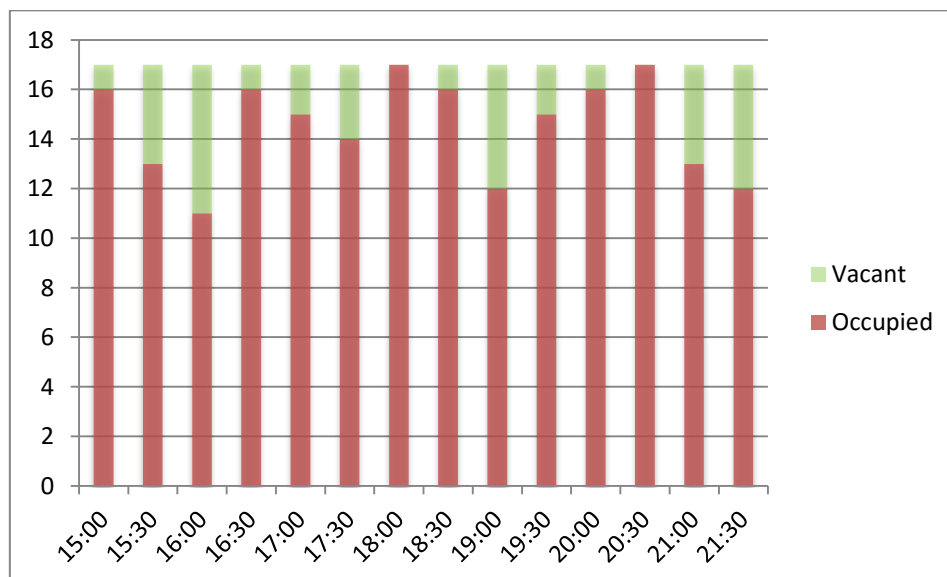


Fig. 5A – Friday 15:00-21:30 parking survey result (without notional parking space)

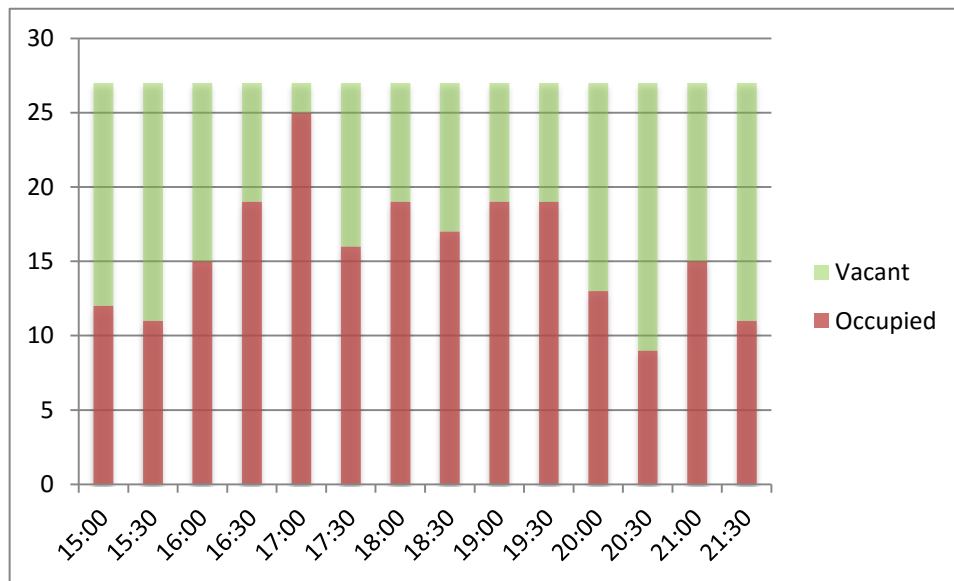


Fig. 6 – Saturday 15:00-21:30 parking survey result (with notional parking space)

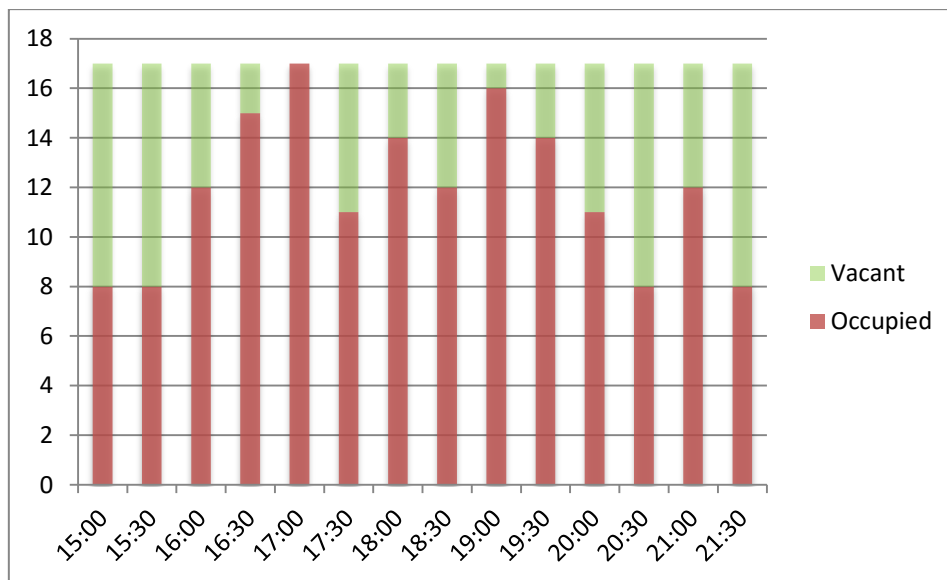


Fig. 6A – Saturday 15:00-21:30 parking survey result (without notional parking space)

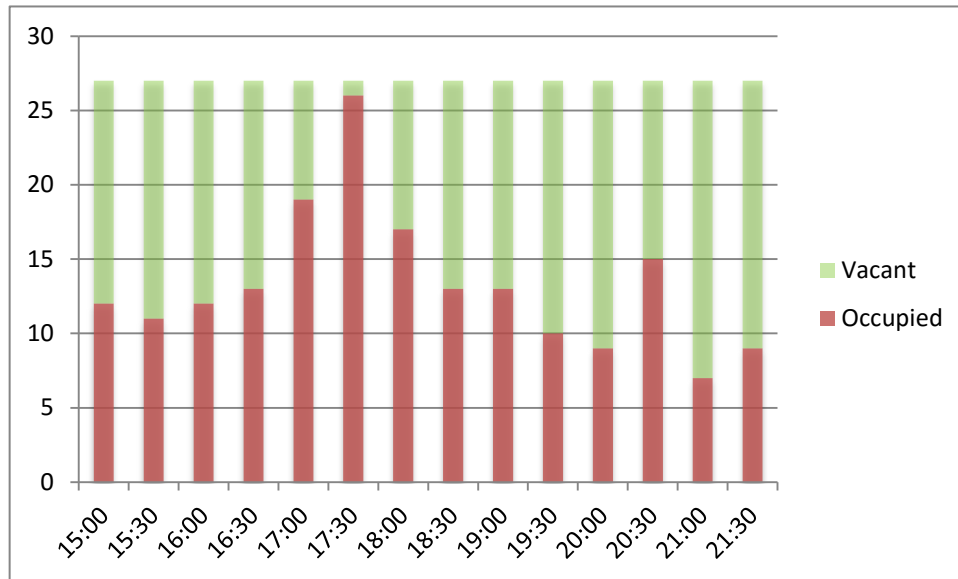


Fig. 7 – Sunday 15:00-21:30 parking survey result (with notional parking space)

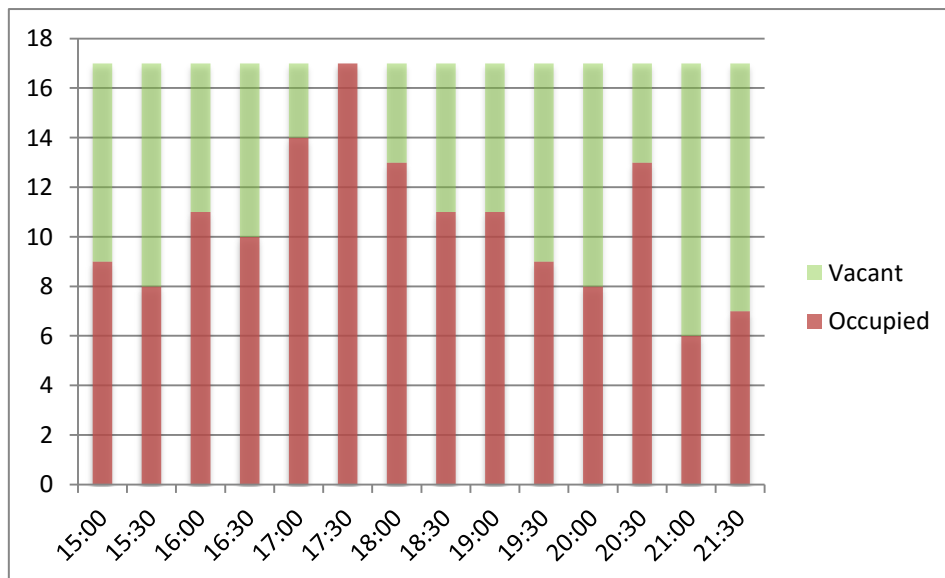


Fig. 7A – Sunday 15:00-21:30 parking survey result (without notional parking space)

Overall, the results from the parking survey have never shown a period where there is no parking space, and the majority of time the carpark operates below 80% full except Friday. Although Friday is busier than other days, but the result shows there are still available spaces left even at the peak hours. This demonstrates that this carpark is not always full, and there are sufficient parking spaces at present.

The parade of shops in Middle Park way is made up of the following shops:

2No. convenience stores open from 7am until 11pm

1No. betting shop open 8.30am until 9.30pm

A Pharmacy open 9am until 6.30pm

A fishing tackle and pet shop open 9am until 5.30pm

3No. Food Takeaway shops.

It must be noted that in recent years there has been a change in the way many people receive food takeaway services. Food courier services now mean that the customer need not leave their house and the food can be delivered by the takeaway operative or a national service such as 'Just Eat'. The increasing use of such delivery services will inevitably reduce the number of vehicles traveling to these takeaway shops and thus we see a reduction on car parking later on in the evening.

In term of how the application '**APP-18-00313**' will affect the existing carpark, it should not impact the carpark for adding a few more vehicles since the carpark doesn't reach its full capacity most of the time according to the survey results. Not to mention that we are not expecting the future tenants or owners to generate any more vehicles, since this proposal is only proposing 4 one bed flats with the support of good bus links around, walkable distance to employment areas and nearby supermarkets and stores.

Survey data (with notional parking space)

Thursday	Carpark space	
Time	Occupied	Vacant
15:00	13	14
15:30	16	11
16:00	17	10
16:30	15	12
17:00	21	6
17:30	17	10
18:00	14	13
18:30	23	4
19:00	17	10
19:30	13	14
20:00	15	12
20:30	11	16
21:00	11	16
21:30	11	16

Friday	Carpark space	
Time	Occupied	Vacant
15:00	26	1
15:30	17	10
16:00	13	14
16:30	25	2
17:00	24	3
17:30	22	5
18:00	22	5
18:30	21	6
19:00	13	14
19:30	18	9
20:00	19	8
20:30	21	6
21:00	15	12
21:30	14	13

Saturday	Carpark space	
Time	Occupied	Vacant
15:00	12	15
15:30	11	16
16:00	15	12
16:30	19	8
17:00	25	2
17:30	16	11
18:00	19	8
18:30	17	10
19:00	19	8
19:30	19	8
20:00	13	14
20:30	9	18
21:00	15	12
21:30	11	16

Sunday	Carpark space	
Time	Occupied	Vacant
15:00	12	15
15:30	11	16
16:00	12	15
16:30	13	14
17:00	19	8
17:30	26	1
18:00	17	10
18:30	13	14
19:00	13	14
19:30	10	17
20:00	9	18
20:30	15	12
21:00	7	20
21:30	9	18

Survey data (without notional parking space)

Thursday	Carpark space	
Time	Occupied	Vacant
15:00	11	6
15:30	12	5
16:00	12	5
16:30	10	7
17:00	16	1
17:30	14	3
18:00	11	6
18:30	17	0
19:00	14	3
19:30	11	6
20:00	13	4
20:30	10	7
21:00	9	8
21:30	10	7

Friday	Carpark space	
Time	Occupied	Vacant
15:00	16	1
15:30	13	4
16:00	11	6
16:30	16	1
17:00	15	2
17:30	14	3
18:00	17	0
18:30	16	1
19:00	12	5
19:30	15	2
20:00	16	1
20:30	17	0
21:00	13	4
21:30	12	5

Saturday	Carpark space	
Time	Occupied	Vacant
15:00	8	9
15:30	8	9
16:00	12	5
16:30	15	2
17:00	17	0
17:30	11	6
18:00	14	3
18:30	12	5
19:00	16	1
19:30	14	3
20:00	11	6
20:30	8	9
21:00	12	5
21:30	8	9

Sunday	Carpark Space	
Time	Occupied	Vacant
15:00	9	8
15:30	8	9
16:00	11	6
16:30	10	7
17:00	14	3
17:30	17	0
18:00	13	4
18:30	11	6
19:00	11	6
19:30	9	8
20:00	8	9
20:30	13	4
21:00	6	11
21:30	7	10