



Civil Engineers & Transport Planners

16-18 Oatlands
Drive

Parking Survey

October 2023

221584/PS/MS/01

Rev B



Civil Engineers & Transport Planners

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1 INTRODUCTION

1.1 Scope

1.1.1 Lanmor Consulting Ltd has been commissioned to provide a parking survey of the streets surrounding the site at 16-18 Oatlands Drive, Weybridge, Surrey, KT13 9JL in support of a planning application for the redevelopment of the site to provide 33 apartments in two blocks served by 34¹ parking spaces and 1 delivery space.

1.1.2 Policy DM7 – Access and Parking – of the EBC Development Management Plan (2015) at Part IV states that provision of car, cycle and disabled parking should accord with the Elmbridge Parking Standards at Appendix 1 of the same document. Appendix 1 makes clear that the relevant standards are maximum not minimum standards. Therefore the level of provision is compliant with policy.

1.1.3 Appendix 1 also makes clear that 1 parking space per residential unit will only be required in areas of parking stress. The application site is not considered to be located in an area of parking stress.

1.1.4 This is a point which the planning authority have accepted in their report to committee² (paragraph 85) where it is stated that *“the area is not considered to be an area of parking stress and so it is considered that the proposal would not result in an increase in on-street parking stress that would be harmful to the amenities of neighbouring properties”*.

1.1.5 However, in support of the application a parking stress survey has been undertaken in order to back up the above statements and provide additional robustness.

¹ As originally submitted the application contained thirty-two spaces plus a delivery/servicing bay. In October 2023 revised drawings were submitted to the Council incorporating two additional spaces.

² As originally published on 4th October 2023 (prior to the submission of the revised drawings referred to above containing two additional spaces).

1.1.6 Six parking surveys were completed in accordance with the requirements of the Elmbridge Parking SPD (2020) using the established methodology prepared by Lambeth Council to assess parking stresses on local roads. Nighttime surveys were undertaken when residents are considered most likely to be at home and this will give an accurate reflection of the peak parking congestion in the area. In addition, per the requirements of the SPD, daytime surveys have also been completed.

1.2 Site Description and Existing Conditions

1.2.1 The land use in the area surrounding the site is a mix of residential; and commercial uses, most of the area is heavily developed with residential properties with commercial units located to the north-eastern side of New Zealand Avenue. There are no resident parking permit restrictions in the area, the only parking restrictions are no waiting any time on the main roads and around junctions, enforced by double yellow lines.

1.3 Survey of Existing Parked Vehicles

1.3.1 The surveys captured all roads within 200m walking distance of the site, this is considered the maximum distance residents will walk to park their vehicles.

1.3.2 In total 6 parking surveys were undertaken in line with the Elmbridge SPD, the surveys were conducted in accordance with the methodology established by Lambeth Council to assess parking stresses. The first parking survey was undertaken between 1.00am-1.30am on Friday 13th October 2023. The survey was carried out in accordance with Lambeth Methodology, the total length of unrestricted kerbing was measured to establish the parking capacity and then the number of parked vehicles surveyed to assess stresses.

1.3.3 The second survey was undertaken at night between the hours of 2.30am-3.00am on Wednesday 18th October 2023. Four further surveys were undertaken during the day on the 18th and 20th. The third survey was conducted between 10.30am-11.00am the fourth between 3.00pm-3.30pm both on Wednesday 18th October 2023.

1.3.4 The fifth and sixth surveys were undertaken on Friday 20th October 2023 between 10.00am-10.30am and 3.15pm-3.45pm.

1.4 Survey Results

1.4.1 Table 1.1 to 1.6 below shows the results of the survey undertaken on the surrounding streets of the site.

Street Name	Total Length of Kerb Space (m)	Length of Restricted Carriageway (m)	No. of Cars Parked	Parking Stress (%)	Length of Unrestricted Carriageway (m)	No. of Parking Spaces Available	No. of Cars Parked	Parking Stress	Total Parking Stress (%)
New Zealand Avenue	90	90	0	0.00%	0	0	0	0.00%	0.00%
Oatlands Drive	630	630	0	0.00%	0	0	0	0.00%	0.00%
Ashley Close	340	45	0	0.00%	220	44	11	25.00%	25.00%
Total	1060	765	0	0.00%	220	44	11	25.00%	25.00%

Table 1.1 – Parking Survey 13/10/23 (1.00am-1.30am)

Street Name	Total Length of Kerb Space (m)	Length of Restricted Carriageway (m)	No. of Cars Parked	Parking Stress (%)	Length of Unrestricted Carriageway (m)	No. of Parking Spaces Available	No. of Cars Parked	Parking Stress	Total Parking Stress (%)
New Zealand Avenue	90	90	0	0.00%	0	0	0	0.00%	0.00%
Oatlands Drive	630	630	0	0.00%	0	0	0	0.00%	0.00%
Ashley Close	340	45	0	0.00%	220	44	10	23.00%	23.00%
Total	1060	765	0	0.00%	220	44	10	23.00%	23.00%

Table 1.2 – Parking Survey 18/10/23 (2.30am-3.00am)

Street Name	Total Length of Kerb Space (m)	Length of Restricted Carriageway (m)	No. of Cars Parked	Parking Stress (%)	Length of Unrestricted Carriageway (m)	No. of Parking Spaces Available	No. of Cars Parked	Parking Stress	Total Parking Stress (%)
New Zealand Avenue	90	90	0	0.00%	0	0	0	0.00%	0.00%
Oatlands Drive	630	630	0	0.00%	0	0	0	0.00%	0.00%
Ashley Close	340	45	0	0.00%	220	44	20	45.00%	45.00%
Total	1060	765	0	0.00%	220	44	20	45.00%	45.00%

Table 1.3 – Parking Survey 18/10/23 (10.30am-11.00am)

Street Name	Total Length of Kerb Space (m)	Length of Restricted Carriageway (m)	No. of Cars Parked	Parking Stress (%)	Length of Unrestricted Carriageway (m)	No. of Parking Spaces Available	No. of Cars Parked	Parking Stress	Total Parking Stress (%)
New Zealand Avenue	90	90	0	0.00%	0	0	0	0.00%	0.00%
Oatlands Drive	630	630	0	0.00%	0	0	0	0.00%	0.00%
Ashley Close	340	45	0	0.00%	220	44	13	30.00%	30.00%
Total	1060	765	0	0.00%	220	44	13	30.00%	30.00%

Table 1.4 – Parking Survey 18/10/23 (3.00pm-3.30pm)

Street Name	Total Length of Kerb Space (m)	Length of Restricted Carriageway (m)	No. of Cars Parked	Parking Stress (%)	Length of Unrestricted Carriageway (m)	No. of Parking Spaces Available	No. of Cars Parked	Parking Stress	Total Parking Stress (%)
New Zealand Avenue	90	90	0	0.00%	0	0	0	0.00%	0.00%
Oatlands Drive	630	630	0	0.00%	0	0	0	0.00%	0.00%
Ashley Close	340	45	0	0.00%	220	44	26	59.00%	59.00%
Total	1060	765	0	0.00%	220	44	26	59.00%	59.00%

Table 1.5 – Parking Survey 20/10/23 (10.00am-10.30am)

Street Name	Total Length of Kerb Space (m)	Length of Restricted Carriageway (m)	No. of Cars Parked	Parking Stress (%)	Length of Unrestricted Carriageway (m)	No. of Parking Spaces Available	No. of Cars Parked	Parking Stress	Total Parking Stress (%)
New Zealand Avenue	90	90	0	0.00%	0	0	0	0.00%	0.00%
Oatlands Drive	630	630	0	0.00%	0	0	0	0.00%	0.00%
Ashley Close	340	45	0	0.00%	220	44	16	36.00%	36.00%
Total	1060	765	0	0.00%	220	44	16	36.00%	36.00%

Table 1.6 – Parking Survey 20/10/23 (3.15pm-3.45pm)

- 1.4.2 Drawing 221584/PS/01 included in Appendix A shows the layout of the surveyed parking spaces on the surrounding road and parking restrictions.

Survey

- 1.4.3 The first survey was conducted on Friday 13th October 2023. The number of vehicles parked in the study area was 11 out of a possible 44 available spaces on the unrestricted lengths on the carriageway.
- 1.4.4 The parking stress in the study area was 25% for the unrestricted lengths of the carriageway. Out of the 44 spaces available on street there were 33 spaces free and available on Ashley Road for residents in the area to park. Drawing 221584/PS/02 included in Appendix A shows the location of the parked vehicles.
- 1.4.5 The second nighttime survey was undertaken on Wednesday 18th October 2023, during the survey a parking stress of 23% was recorded for the unrestricted lengths of the carriageway. Out of the 44 spaces available on street there was space for 34 vehicles to park.
- 1.4.6 During the daytime surveys one survey was undertaken in the morning and one in the afternoon. On the 18th October the morning survey recorded a parking stress of 45%, of the 44 spaces in the study area there was 24 spaces available, during the afternoon period the stress was recorded at 30% and of the 44 spaces available 31 were free for vehicles to park.
- 1.4.7 On the second daytime survey the parking stress for the morning survey was 59% and there 18 spaces available out of the 44 spaces in the study area, during the afternoon peak the parking stress was recorded at 36% and there was 28 spaces available for parking out of the total 44 spaces in the area.

1.4.8 During the daytime surveys, the surveyors note that a number of the parked vehicles were associated with construction activities in the area. Construction operatives working on sites in the area were observed returning to their cars from site. Construction activities are a temporary not a permanent activity, therefore the daytime surveys are considered to overestimate the number of vehicles that would be parked on a normal day.

1.5 Summary and Conclusion

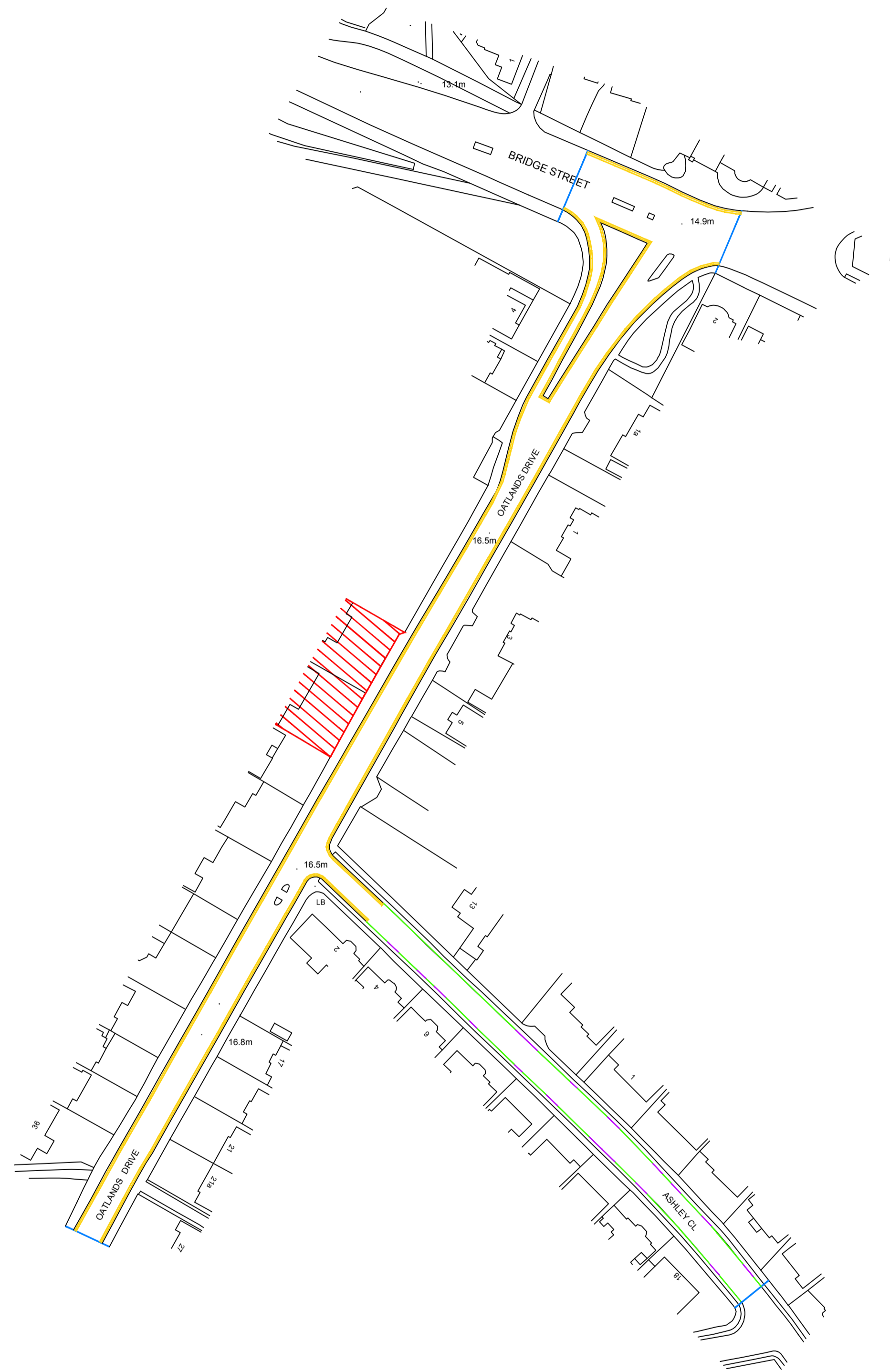
1.5.1 The proposed development of 33 dwellings contains 34 on-site parking spaces plus a delivery/servicing bay. The parking surveys of the surrounding roads were undertaken during the day and nighttime in accordance with the requirements of the Council's Parking SPD. The surveys found there were between 18 and 33 spaces available in the study area. The results of the day surveys were also influenced by construction workers parking in the area. The recorded parking levels during the day are considered to be higher than a typical day, however even with the higher parking level a minimum of 18 spaces was still available for residents to park. This available level of parking is more than adequate to accommodate any potential overspill or visitor parking which might arise from the proposed development and wouldn't affect the ability of existing residents in the area to park.

1.5.2 The survey has showed that overall parking stresses in the study area were in the range of 23-59% which is well below the level that would be considered congested, using the established Lambeth methodology. The surveys demonstrate that there is sufficient space to accommodate a number of additional vehicles on street if necessary, and this would not reduce the ability of other neighbours to park, particularly as the dwellings on Ashley Close have off-street parking.

1.5.3 Therefore, in relation to parking matters, we see no reason why the application should not be approved.

APPENDIX A

Drawing 221584/PS/01 – Parking Survey Base Layout



NOTES

Key:

- Unrestricted Carriageway
- Dropped Kerb
- Double Yellow Lines
- Site Boundary

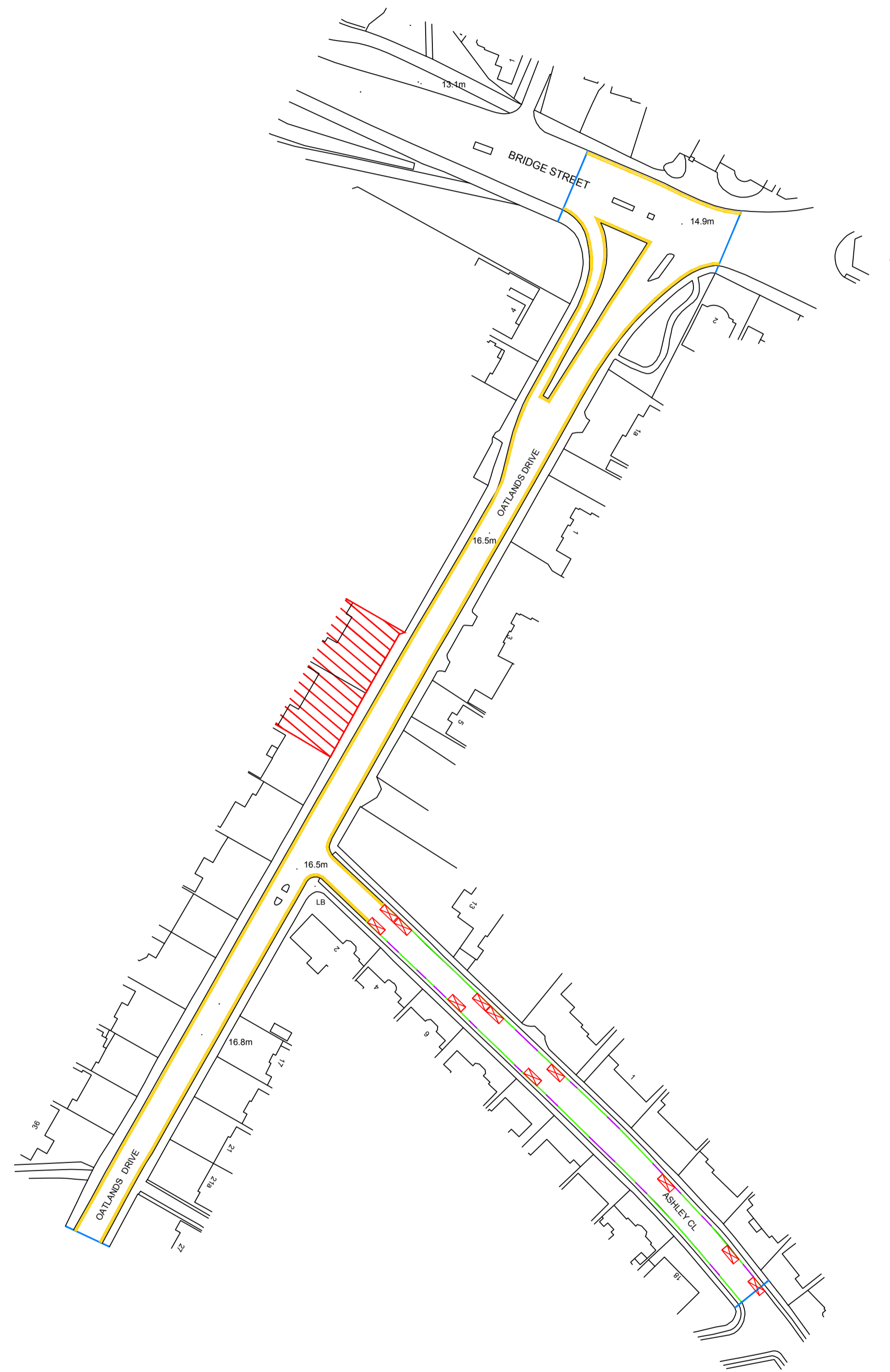
Rev	Amendment	Drawn	Checked	Approved	Date

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16-18 Oatlands Drive
 Walton on Thames
 Parking Survey
 Base Layout

DRAWN	MS	CHECKED	MS	APPROVED	KBL
DATE	Oct 23	DATE	Oct 23	DATE	Oct 23
SCALE	1:1000	PRJ No.	221584	SIZE	REV
DWG No.	221584/PS/01			A1	-

Drawing 221584/PS/02 – Parking Survey 13th October 2023



NOTES

Key:

- Unrestricted Carriageway
- Dropped Kerb
- Double Yellow Lines
- Site Boundary
- ▨ Parked Vehicle

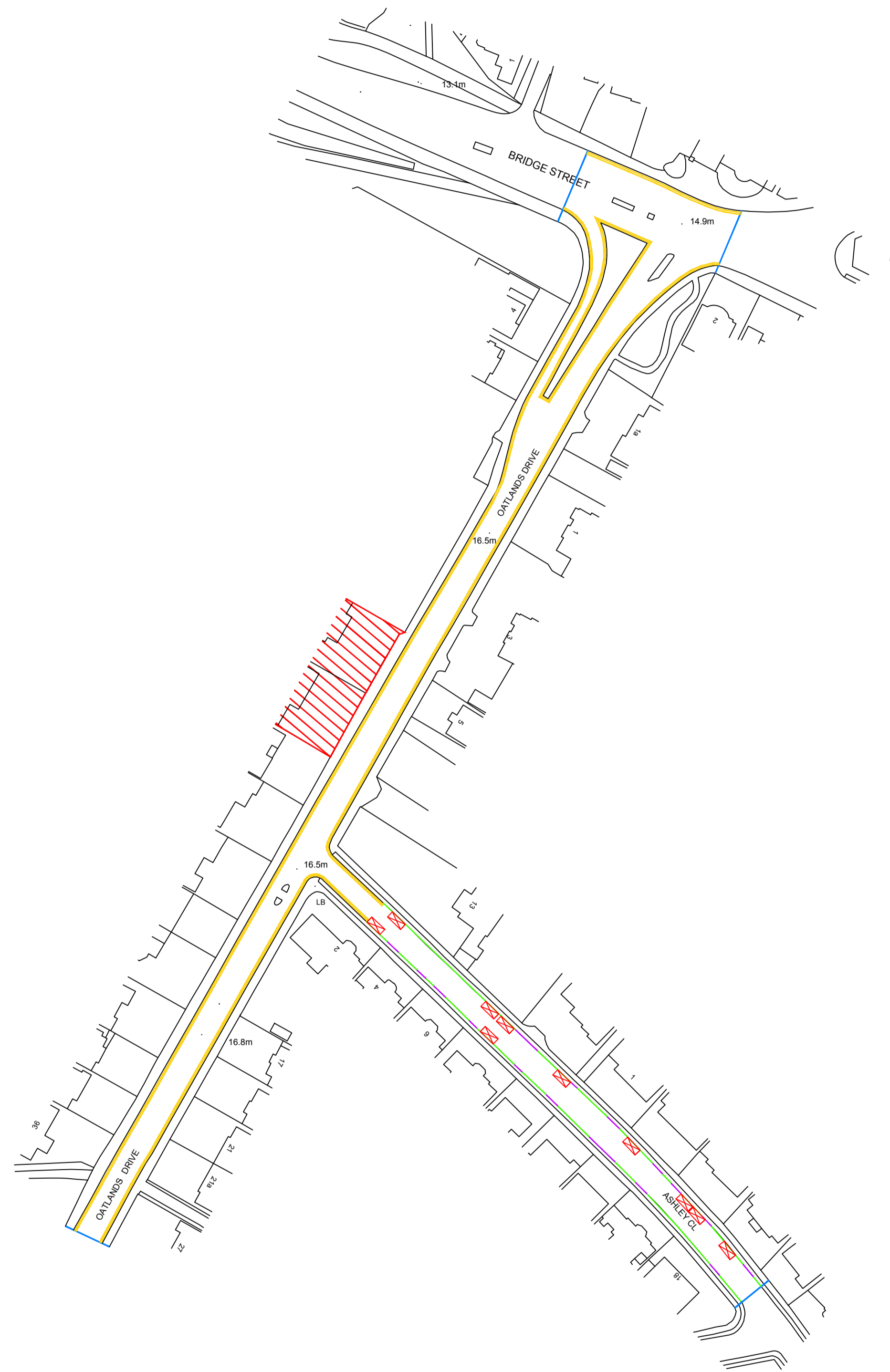
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16-18 Oatlands Drive
 Walton on Thames
 Parking Survey
 Friday 13th October 2023
 1.00am - 1.30am

DRAWN	MS	CHECKED	MS	APPROVED	KBL
DATE	Oct 23	DATE	Oct 23	DATE	Oct 23
SCALE	1:1000	PRJ No.	221584	SIZE	REV
DWG No.	221584/PS/02			A1	-

Drawing 221584/PS/03 – Parking Survey 20th October 2023



NOTES

Key:

- Unrestricted Carriageway
- Dropped Kerb
- Double Yellow Lines
- Site Boundary
- ▨ Parked Vehicle

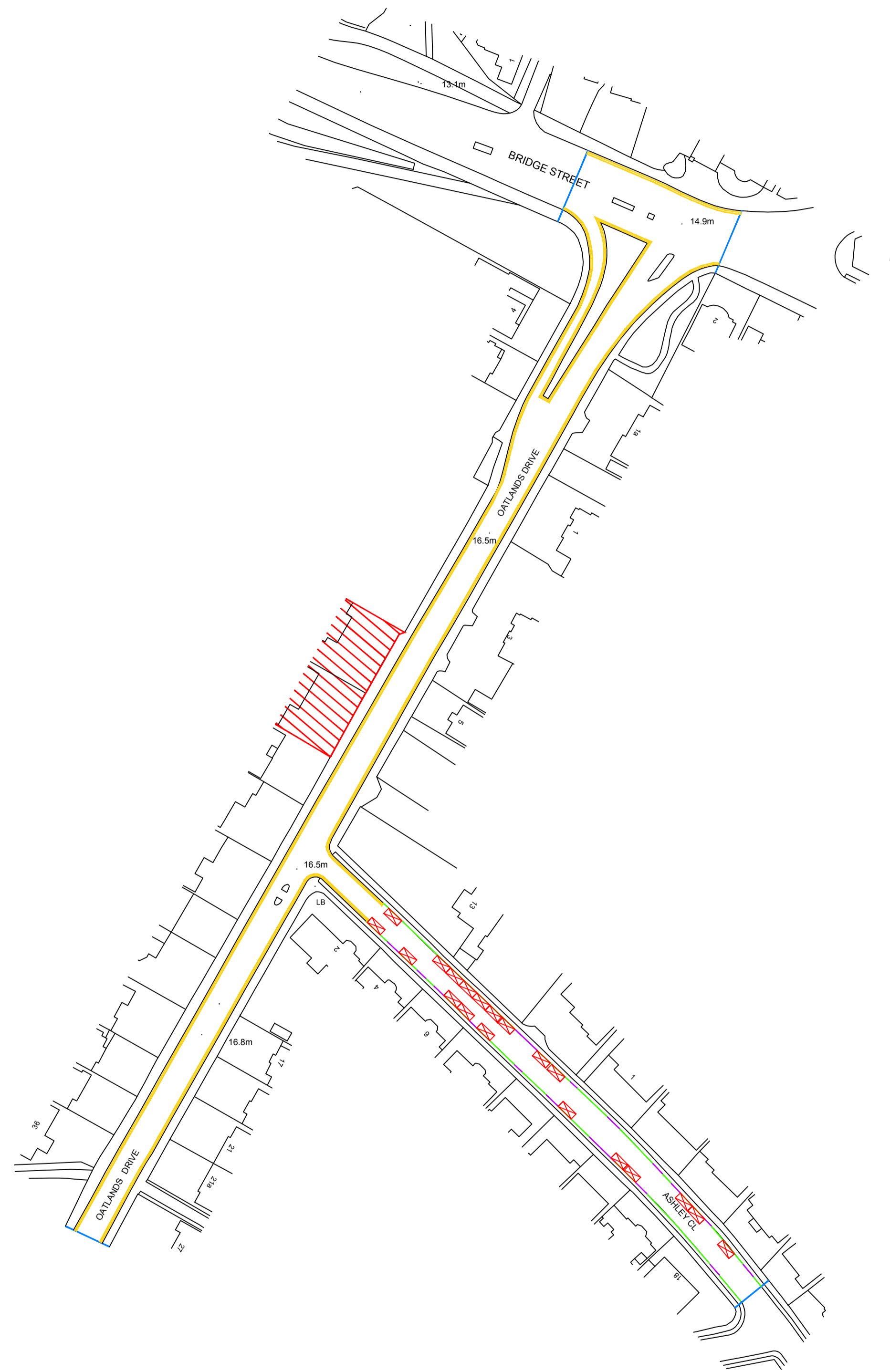
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16-18 Oatlands Drive
 Walton on Thames
 Parking Survey
 Wednesday 18th October 2023
 2.50am - 3.00am

DRAWN	MS	CHECKED	MS	APPROVED	KBL
DATE	Oct 23	DATE	Oct 23	DATE	Oct 23
SCALE	1:1000	PRJ No.	221584	SIZE	REV
DWG No.	221584/PS/03			A1	-

Drawing 221584/PS/04 – Parking Survey 18th October 2023 Morning



NOTES

Key:

- Unrestricted Carriageway
- Dropped Kerb
- Double Yellow Lines
- Site Boundary
- ▭ Parked Vehicle

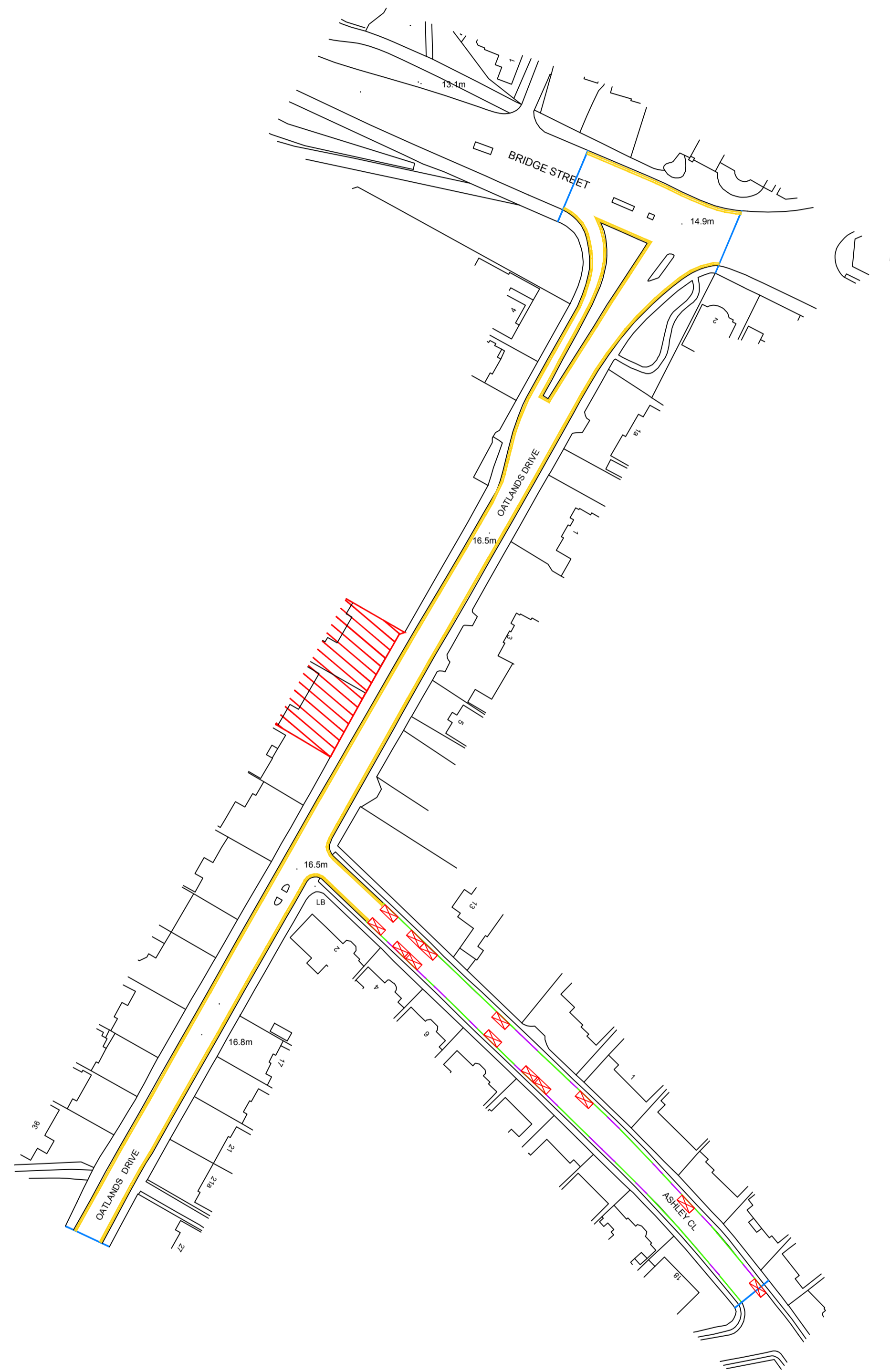
Rev	Amendment	Drawn	Checked	Approved	Date

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16-18 Oatlands Drive
 Walton on Thames
 Parking Survey
 Wednesday 18th October 2023
 10.30am - 11.00am

DRAWN	MS	CHECKED	MS	APPROVED	KBL
DATE	Oct 23	DATE	Oct 23	DATE	Oct 23
SCALE	1:1000	PRJ No.	221584	SIZE	REV
DWG No.	221584/PS/04			A1	-

Drawing 221584/PS/05 – Parking Survey 18th October 2023 Afternoon



NOTES

Key:

- Unrestricted Carriageway
- Dropped Kerb
- Double Yellow Lines
- Site Boundary
- ▨ Parked Vehicle

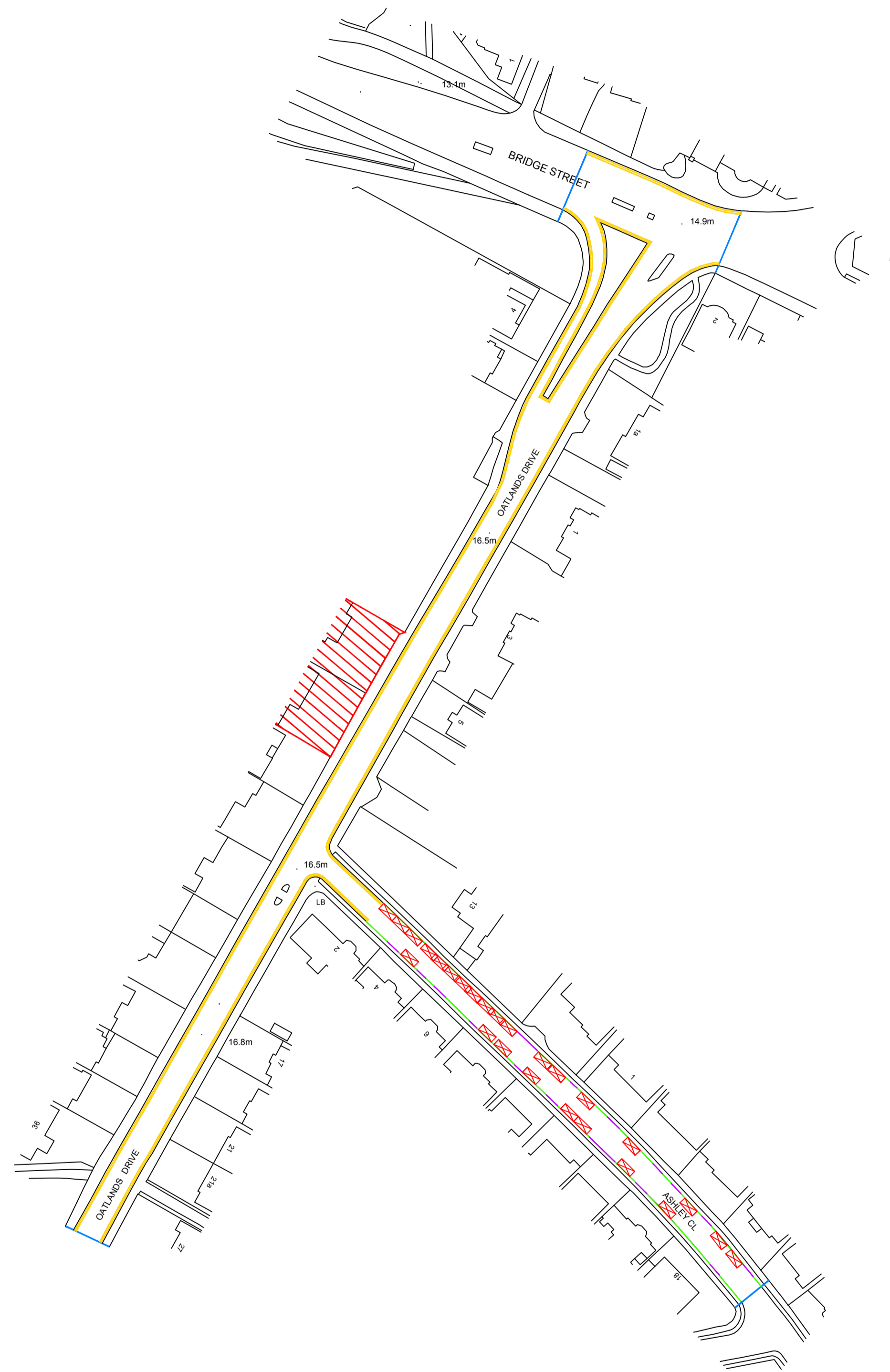
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16-18 Oatlands Drive
 Walton on Thames
 Parking Survey
 Wednesday 18th October 2023
 3.00pm - 3.30pm

DRAWN	MS	CHECKED	MS	APPROVED	KBL
DATE	Oct 23	DATE	Oct 23	DATE	Oct 23
SCALE	1:1000	PRJ No.	221584	SIZE	REV
DWG No.	221584/PS/05			A1	-

Drawing 221584/PS/06 – Parking Survey 20th October 2023 Morning



NOTES

Key:

- Unrestricted Carriageway
- Dropped Kerb
- Double Yellow Lines
- Site Boundary
- ▭ Parked Vehicle

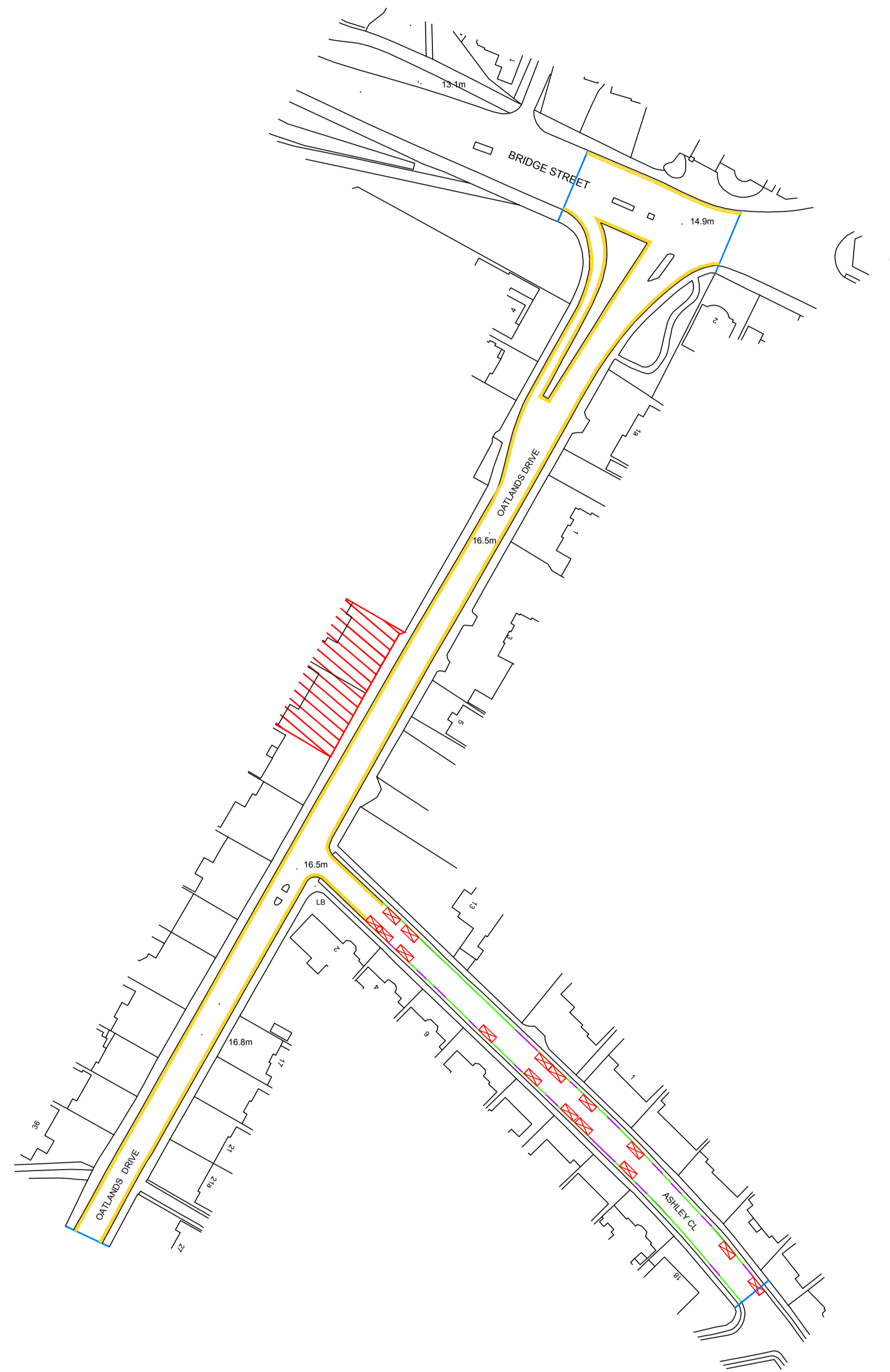
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16-18 Oatlands Drive
 Walton on Thames
 Parking Survey
 Friday 20th October 2023
 10.00am - 10.30am

DRAWN	MS	CHECKED	MS	APPROVED	KBL
DATE	Oct 23	DATE	Oct 23	DATE	Oct 23
SCALE	1:1000	PRJ No.	221584	SIZE	REV
DWG No.	221584/PS/06			A1	-

Drawing 221584/PS/07 – Parking Survey 20th October 2023 Afternoon



NOTES

Key:

- Unrestricted Carriageway
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- Site Boundary
- ▨ Parked Vehicle

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16-18 Oatlands Drive
 Walton on Thames
 Parking Survey
 Friday 20th October 2023
 3.15pm - 3.45pm

DRAWN	MS	CHECKED	MS	APPROVED	KBL
DATE	Oct 23	DATE	Oct 23	DATE	Oct 23
SCALE	1:1000	PRJ No.	221584	SIZE	REV
DWG No.	221584/PS/07			A1	-

APPENDIX B

Photographs of Surveyed Cars



Photograph 1 (Oatlands Drive – 13/10/23) 1.15am



Photograph 2 (Ashley Close – 13/10/23) 1.15am



Photograph 3 (Ashley Close – 13/10/23) 1.15am



Photograph 4 (Ashley Close – 13/10/23) 1.15am



Photograph 5 (Ashley Close – 13/10/23) 1.15am



Photograph 6 (Ashley Close – 13/10/23) 1.15am



Photograph 7 (Ashley Close – 13/10/23) 1.15am



Photograph 8 (Ashley Close – 18/10/23) 2.38am



Photograph 9 (Ashley Close – 18/10/23) 2.38am



Photograph 10 (Ashley Close – 18/10/23) 2.38am



Photograph 11 (Ashley Close – 18/10/23) 2.38am



Photograph 12 (Ashley Close – 18/10/23) 10.44



Photograph 13 (Ashley Close – 18/10/23) 10.44



Photograph 14 (Ashley Close – 18/10/23) 10.44



Photograph 15 (Ashley Close – 18/10/23) 10.44



Photograph 16 (Ashley Close – 18/10/23) 15.36



Photograph 17 (Ashley Close – 18/10/23) 15.36



Photograph 18 (Ashley Close – 18/10/23) 15.36



Photograph 19 (Ashley Close – 18/10/23) 15.36



Photograph 20 (Ashley Close – 20/10/23) 10.00



Photograph 21 (Ashley Close – 20/10/23) 10.00



Photograph 22 (Ashley Close – 20/10/23) 10.00



Photograph 23 (Ashley Close – 20/10/23) 10.00



Photograph 24 (Ashley Close – 20/10/23) 15.28



Photograph 25 (Ashley Close – 20/10/23) 15.37



Photograph 26 (Ashley Close – 20/10/23) 15.37



Photograph 27 (Ashley Close – 20/10/23) 15.37