



Appendix A – South Gloucestershire Pre-application Correspondence

Rae Mepham

From: Ali Khayatian
Sent: 21 February 2023 12:42
To: Rae Mepham
Cc: DCtransport
Subject: Pre-planning enquiry Re: Barrington Close, Bristol and Fairford Close, PRE22/0792

Re; Re-development of Barrington Close and Firford Close site **PRE22/0792**

Location: BARRINGTON CLOSE AND FAIRFORD CLOSE, KINGSWOOD BS15 4QD-4QE

Proposal: Demolition of 72No. existing dwellings, outbuildings and garages and erection of 80No. dwellings with access and associated works.

Planning app. No. PRE22/0792

This pre-planning enquiry is seeking advice on a proposal to demolish 72no. existing dwellings, their outbuildings, plus 48no. existing garages, and in their placement to construct around 80no. dwellings with associated access, parking and hard and soft landscaping.

The site is situated in a build-up, residential area and closely connected to New Cheltenham Road, a key vehicular link between Bristol and Bath. It is also within walking distance of bus routes that link to the centre of Bristol as well as the wider Bristol area which includes rail networks. Therefore, we believe that it fully complies with the requirements of Policy PSP11 of the adopted South Gloucestershire Local Plan: Policies, Sites and Places document. Furthermore, given the extant use of the site, we consider that its regeneration with similar use is acceptable in principal although this would be subject to agreeing the detail design of access roads and parking provisions.

Barrington Close and Fairford Close are currently both no through roads connecting to a series of parking courtyards and garages on site. The site is also connected to the wider highway network with series of public footpaths.

This is a sloping site. We understand that the existing natural site levels exceed 1 in 20 which may make it difficult to accommodate roads and pavements at 1 in 20 across the whole site.

If this desirable gradient is not achievable then, by constructing reasonable retaining walls, we suggest new roads no steeper than the maximum gradients of 1 in 14 – of course, such gradient must only be applied when all other options for shallower gradients have been investigated.

Submission of a Transport Assessment is not necessary, but we recommend that a Transport Statement covering the existing and proposed access and parking arrangements including access to public transport facilities is provided please.

The loss of the garages and parking spaces at Barrington Close and other location on site needs to be fully considered and replacement parking provided for anyone with a right to park there.

Stopping up – it is understood that some of the existing adopted highway will be required stopping up in order to create coherent street scape.

Any Highway Stopping Order for this is best be progressed in tandem with the planning application.

<https://www.gov.uk/government/publications/stopping-up-and-diversion-of-highways>

Any services within the highway to be stopped up will need to be relocated into the revised highway layout.

The internal layout are recommended to be a standard segregated 5.5m wide carriageway with 2m footways on both sides. If shared surface roads are being proposed then, we recommend roads 6.8m wide with suitable traffic calming features.

Where margins are proposed behind car parking spaces it would be better if they were in front of the parking spaces either as wheel stops or widened paths so that overhanging vehicles don't obstruct those paths.

An Electric Vehicle Charging Strategy should be provided. The layout proposed only enables a small number of dwellings with on-plot parking spaces to be provided with an EVCP. The parking layout should be revisited so that as many on-plot parking spaces as possible are provided. The problem is if there is a path open to more than one dwelling at the back of the parking spaces there is a safety issue with extending a charging lead from the house to the car. The Council's current guidance is that all dwelling with an on-plot parking spaces are provided with a 7Kw 32 Amp charging point, 20% of communal spaces are provided with a charging point and the remainder are provided with ducting for a future connection.

Parking should be provided in accordance with the Council's policy PSP16 - Please can a parking schedule be provided detailing the house type, number of bedrooms, number of parking spaces, EVCP provision and the overall number of visitor spaces?

A Stage 1 Road safety Audit should be provided for the layout. An Audit Brief including details of the Auditors should be submitted once a layout has been agreed.

Contact details and the Council's procedure can be found at the following link.

<https://www.southglos.gov.uk/transport-and-streets/transport/road-safety-transport/strategic-road-safety-and-engineering/road-safety-audit/>

please provide swept path of a large 11.3m long waste collection vehicle should be provided.

Consideration should be given to the location of street lighting columns in relation to the rows of parking spaces.

If private roads to be created on this development, then, appropriate bin collection area must be designed on site in proximity to the adoptable highway with suitable turning area for service vehicles.

The maximum distances are contained in the Council's Waste Collection Guidance.

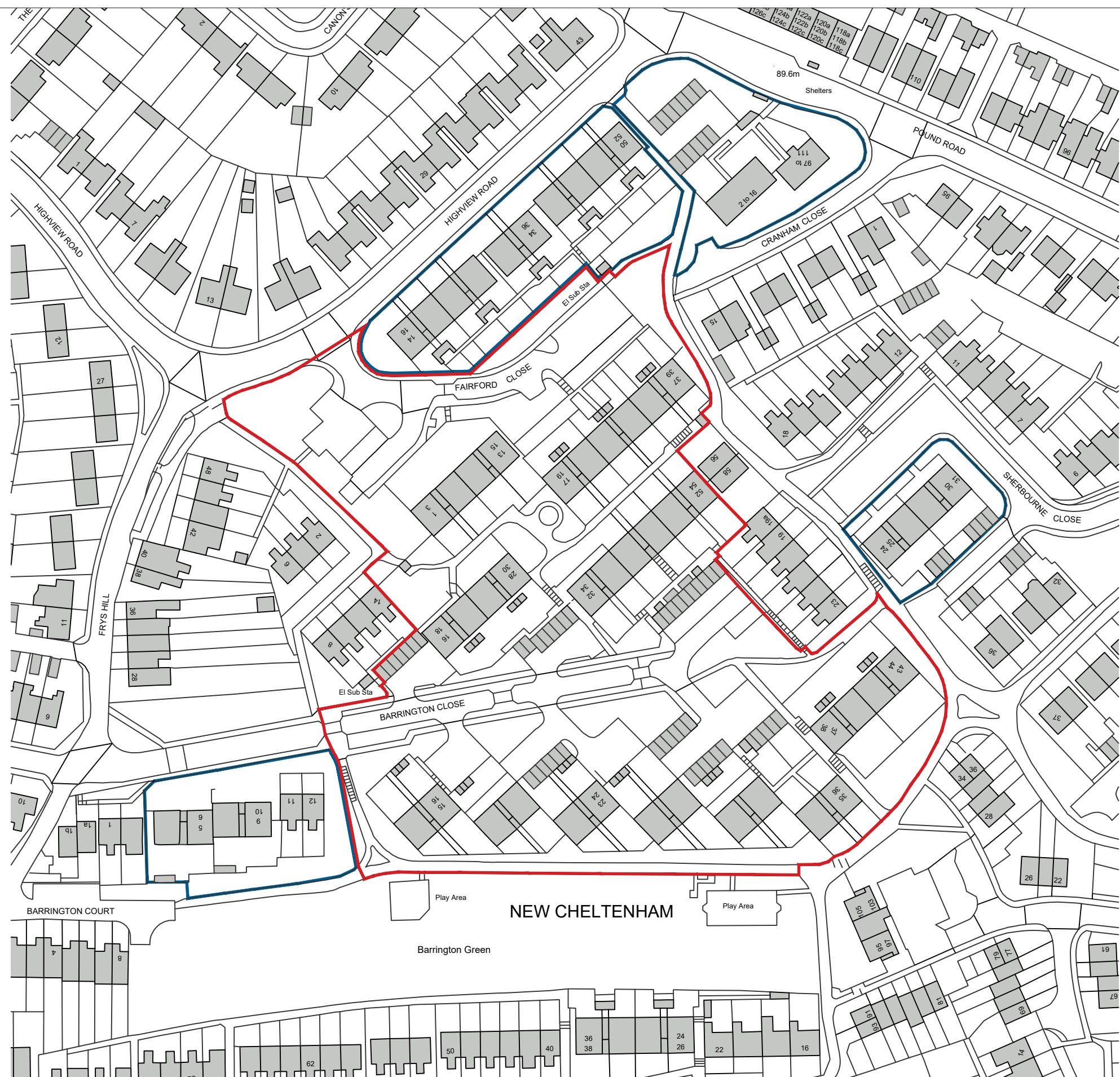
<https://beta.southglos.gov.uk/wp-content/uploads/Waste-collection-guidance-for-new-developments-SPD.pdf>

We suggest that a Travel Plan to be submitted with any future application for this site.

I hope this information is of help.



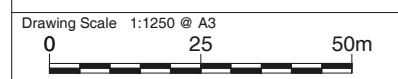
Appendix B – Site Location Plan



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Rev.	Date	Notes	Init.
1	07.11.23	Issued For Planning	PM
2	04.12.23	Planning Issue	PM

CDM Regulations



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 Bristol : 0117 3327560 | The Generator, Counterslip, Redcliffe, Bristol, BS1 6BX
 www.nashpartnership.com
 mail@nashpartnership.com

File Name: 21027-NP-XX-XX-DR-A-1000

PLANNING

Job Number	Originator	Zone	Level
21027	NP	XX	XX

Type	Role	Drawing Number	Revision
DR	A	1000	2

Project
Barrington Close & Fairford Close Kingswood Regeneration

Title
Location Plan

Drawn by	Project Manager	Scale
LMc/PM	AT	1250 @ A3

Key

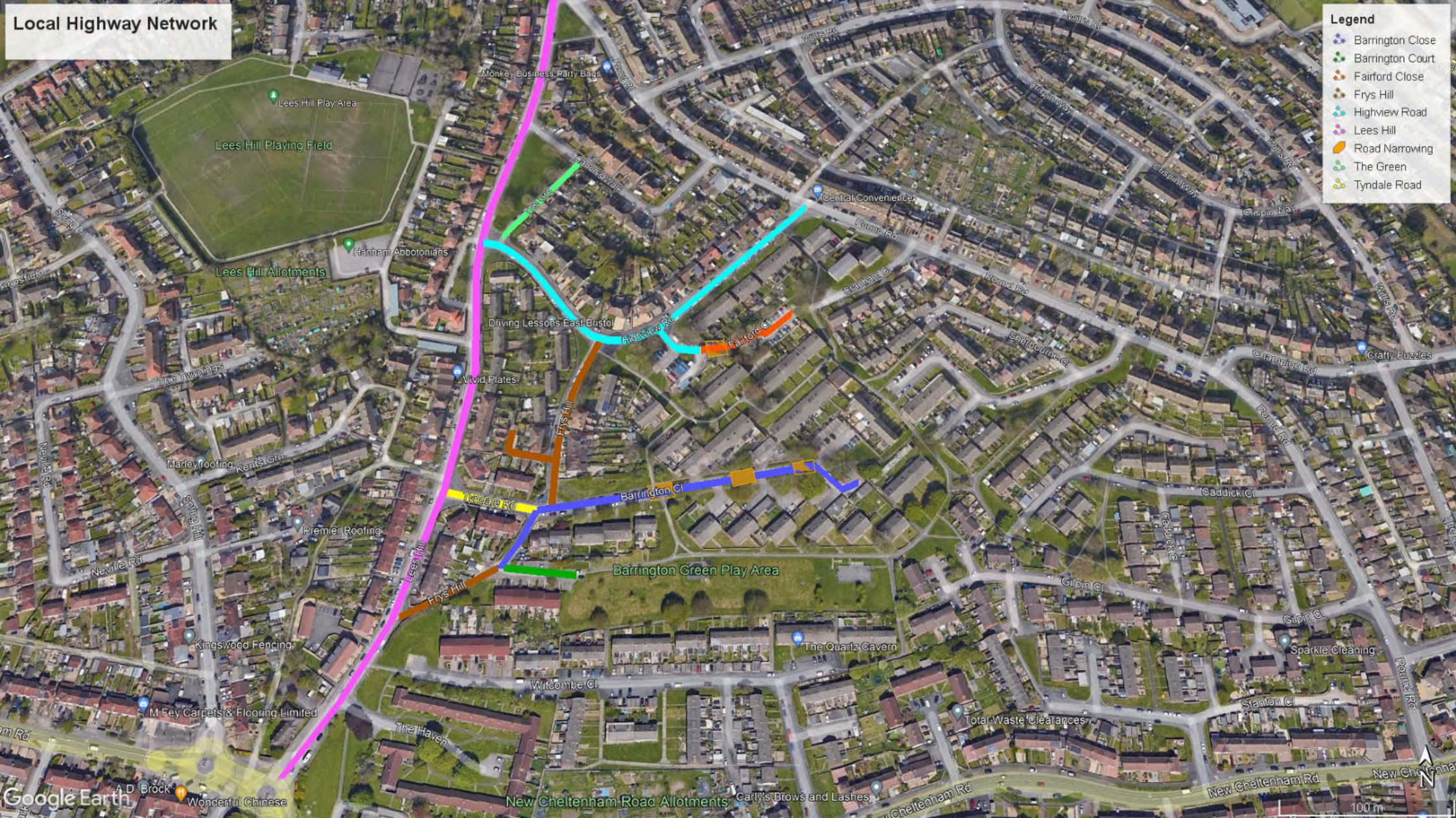
- N
- Application boundary
- Adjoining land owned by the applicant





Appendix C – Local Highway Network Map

Local Highway Network



- Legend**
- Barrington Close
 - Barrington Court
 - Fairford Close
 - Frys Hill
 - Highview Road
 - Lees Hill
 - Road Narrowing
 - The Green
 - Tyndale Road



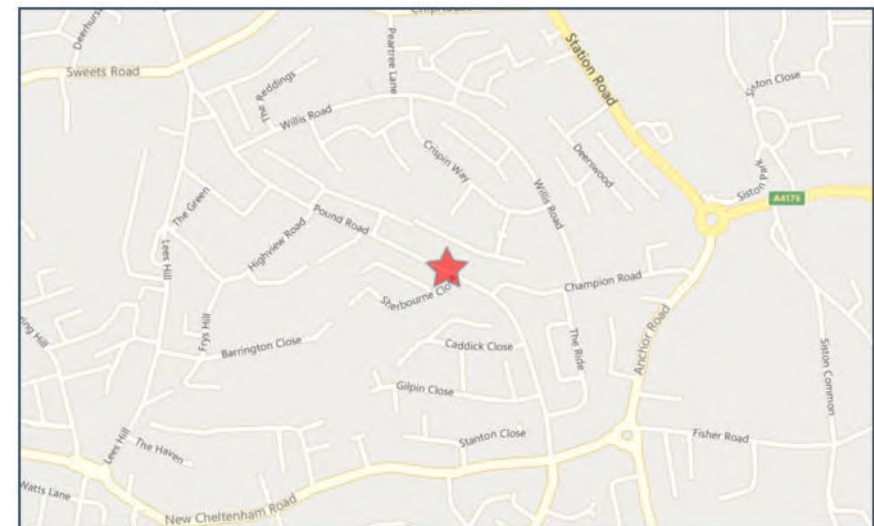
Appendix D – CrashMap Reports



Validated Data

Crash Date: Saturday, March 31, 2018 **Time of Crash:** 4:17:00 PM **Crash Reference:** 2018521803611

Highest Injury Severity:	Slight	Road Number:	U0	Number of Casualties:	1
Highway Authority:	South Gloucestershire	Number of Vehicles:	2	OS Grid Reference:	365843 174652
Local Authority:	South Gloucestershire				
Weather Description:	Fine without high winds				
Road Surface Description:	Dry				
Speed Limit:	30				
Light Conditions:	Daylight: regardless of presence of streetlights				
Carriageway Hazards:	None				
Junction Detail:	Not at or within 20 metres of junction				
Junction Pedestrian Crossing:	No physical crossing facility within 50 metres				
Road Type:	Single carriageway				
Junction Control:	Not Applicable				



For more information about the data please visit: www.crashmap.co.uk/home/Faq
To subscribe to unlimited reports using CrashMap Pro visit www.crashmap.co.uk/Home/Premium_Services



Validated Data

Vehicles involved

Vehicle Ref	Vehicle Type	Vehicle Age	Driver Gender	Driver Age Band	Vehicle Maneouvre	First Point of Impact	Journey Purpose	Hit Object - On Carriageway	Hit Object - Off Carriageway
1	Van or goods vehicle 3.5 tonnes mgw and under	14	Male	46 - 55	Vehicle is reversing	Back	Unknown	None	None
2	Car (excluding private hire)	-1	Unknown	Unknown	Vehicle is parked in the carriageway	Back	Unknown	None	None

Casualties

Vehicle Ref	Casualty Ref	Injury Severity	Casualty Class	Gender	Age Band	Pedestrian Location	Pedestrian Movement
1	1	Slight	Pedestrian	Female	36 - 45	In carriageway, not crossing	In carriageway, stationary - not crossing (standing or playing), masked by parked or stationary vehicle

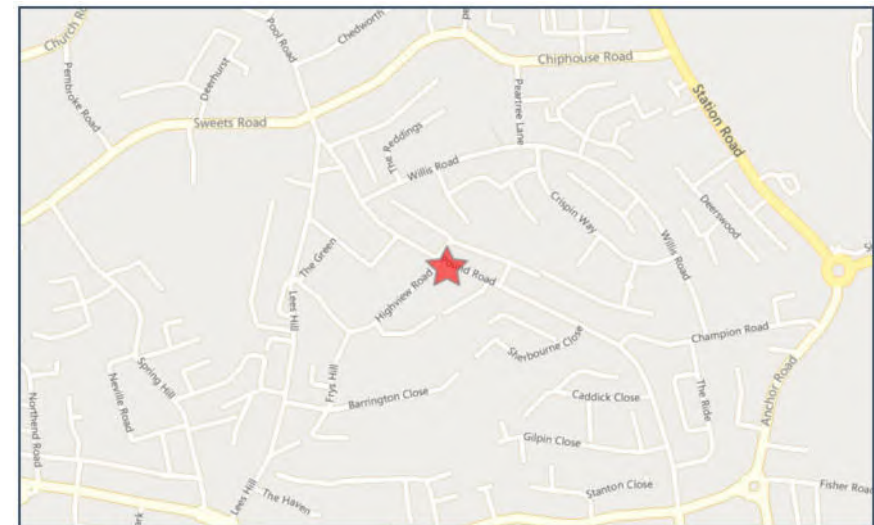
For more information about the data please visit: www.crashmap.co.uk/home/Faq

To subscribe to unlimited reports using CrashMap Pro visit www.crashmap.co.uk/Home/Premium_Services



Validated Data

Crash Date:	Wednesday, November 21, 2018	Time of Crash:	7:25:00 PM	Crash Reference:	2018521808611
Highest Injury Severity:	Serious	Road Number:	U0	Number of Casualties:	1
Highway Authority:	South Gloucestershire	Number of Vehicles:	2	OS Grid Reference:	365653 174737
Local Authority:	South Gloucestershire				
Weather Description:	Raining without high winds				
Road Surface Description:	Wet or Damp				
Speed Limit:	30				
Light Conditions:	Darkness: street lights present and lit				
Carriageway Hazards:	None				
Junction Detail:	T or staggered junction				
Junction Pedestrian Crossing:	No physical crossing facility within 50 metres				
Road Type:	Single carriageway				
Junction Control:	Give way or uncontrolled				



For more information about the data please visit: www.crashmap.co.uk/home/Faq
To subscribe to unlimited reports using CrashMap Pro visit www.crashmap.co.uk/Home/Premium_Services



Validated Data

Vehicles involved

Vehicle Ref	Vehicle Type	Vehicle Age	Driver Gender	Driver Age Band	Vehicle Maneouvre	First Point of Impact	Journey Purpose	Hit Object - On Carriageway	Hit Object - Off Carriageway
1	Car (excluding private hire)	10	Female	26 - 35	Vehicle is performing a U turn	Offside	Unknown	None	None
2	Motorcycle over 50cc and up to 125cc	3	Male	21 - 25	Vehicle proceeding normally along the carriageway, not on a bend	Front	Unknown	None	None

Casualties

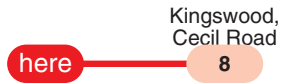
Vehicle Ref	Casualty Ref	Injury Severity	Casualty Class	Gender	Age Band	Pedestrian Location	Pedestrian Movement
2	1	Serious	Driver or rider	Male	21 - 25	Unknown or other	Unknown or other

For more information about the data please visit: www.crashmap.co.uk/home/Faq

To subscribe to unlimited reports using CrashMap Pro visit www.crashmap.co.uk/Home/Premium_Services



Appendix E – Bus Timetable Information



The numbers circled indicate approximate timings in minutes from New Cheltenham, Highview Road

Mondays to Fridays **Bus times as at 1st December 2023**

Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note			
0654	6		0911	6		1113	6		1314	6		1525	6		1727	6		1919	6		2148	6	
0733	6		0942	6		1144	6		1345	6		1556	6		1757	6		1946	6		2247	6	
0812	6		1009	6		1214	6		1418	6		1627	6		1824	6		2015	6		2346	6	
0840	6		1044	6		1244	6		1450	6		1658	6		1851	6		2054	6				

Saturdays **Bus times as at 2nd December 2023**

Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note			
0738	6		0939	6		1141	6		1340	6		1538	6		1739	6		1924	6		2330	6	
0809	6		1009	6		1207	6		1411	6		1609	6		1808	6		2026	6		0000	6	
0839	6		1040	6		1238	6		1436	6		1634	6		1838	6		2122	6				
0909	6		1110	6		1309	6		1507	6		1710	6		1907	6		2221	6				

Sundays **Bus times as at 3rd December 2023**

Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note			
0816	6		1043	6		1245	6		1447	6		1647	6		1847	6		2116	6	
0914	6		1114	6		1316	6		1517	6		1717	6		1916	6		2216	6	
0943	6		1144	6		1346	6		1547	6		1747	6		1946	6		2315	6	
1013	6		1215	6		1416	6		1617	6		1817	6		2016	6		2355	6	

Times shown in italics are approximate times

BY SMS

Bus times by text message



Get the times of the next four buses from this stop on your phone

Scan the QR code or send the stop code below to:

84268

Return texts cost up to 25p, plus normal text messaging charge. Normal mobile internet charges apply.

Code for this stop: sglgdja

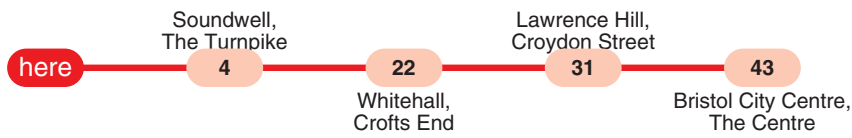
NextBuses

Bus times by mobile browser



6 Kingswood - Whitehall - Bristol City Centre

First in Bristol Bath & the West



The numbers circled indicate approximate timings in minutes from New Cheltenham, Highview Road

Mondays to Fridays

Bus times as at 1st December 2023

Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note
0527	6	0725	6	0940	6	1212	6	1444	6	1728	6	1945	6
0557	6	0740	6	1011	6	1241	6	1516	6	1758	6	2017	6
0623	6	0804	6	1042	6	1312	6	1553	6	1819	6	2114	6
0647	6	0835	6	1111	6	1343	6	1620	6	1845	6	2209	6
0706	6	0910	6	1142	6	1413	6	1653	6	1912	6	2309	6

Saturdays

Bus times as at 2nd December 2023

Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note		
0638	6	0831	6	1033	6	1233	6	1436	6	1634	6	1838	6	2143	6
0657	6	0902	6	1103	6	1303	6	1503	6	1707	6	1915	6	2243	6
0733	6	0933	6	1134	6	1333	6	1535	6	1738	6	1945	6		
0801	6	1002	6	1204	6	1406	6	1610	6	1808	6	2049	6		

Sundays

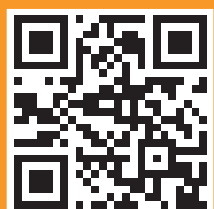
Bus times as at 3rd December 2023

Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note		
0723	6	0938	6	1140	6	1340	6	1538	6	1740	6	2006	6	2334	6
0808	6	1008	6	1210	6	1410	6	1611	6	1811	6	2035	6		
0837	6	1039	6	1240	6	1440	6	1640	6	1841	6	2134	6		
0908	6	1110	6	1310	6	1511	6	1711	6	1911	6	2234	6		

Times shown in italics are approximate times

BY SMS

Bus times by text message



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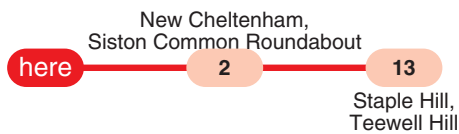
Code for this stop: sglgdgm

NextBuses

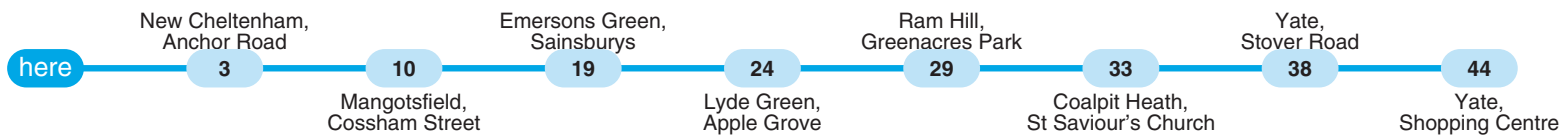
Bus times by mobile browser



7 Bristol City Centre - Whitehall - Staple Hill First in Bristol Bath & the West 



86 Kingswood - Emersons Green - Coalpit Heath - Yate Stagecoach West 



SB1 Soundwell - Kingswood - Cadbury Heath - St Brendan's College First in Bristol Bath & the West 



The numbers circled indicate approximate timings in minutes from New Cheltenham, Alma Road

Mondays to Fridays Bus times as at 1st December 2023

Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note			
0616	7		0818	7		1019	7		1222	7		1425	7		1633	7		1828	7		2021	7	
0707	7		0853	7		1050	7		1251	7		1457	7		1703	7		1855	7		2111	7	
0725	7		0911	86		1111	86		1311	86		1511	86		1716	86		1921	86		2210	7	
0743	SB1	Sch	0921	7		1120	7		1321	7		1530	7		1732	7		1923	7		2309	7	
0746	7		0944	7		1151	7		1353	7		1601	7		1801	7		1951	7		0019	7	

Saturdays Bus times as at 2nd December 2023

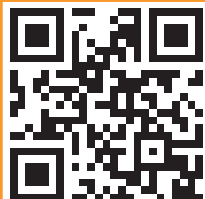
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0752	7		1016	7		1220	7		1424	7		1631	7		1832	7		2042	7				
0843	7		1048	7		1251	7		1458	7		1701	7		1901	7		2148	7				
0911	86		1111	86		1311	86		1511	86		1716	86		1921	86		2252	7				
0913	7		1121	7		1324	7		1532	7		1733	7		1931	7							
0945	7		1149	7		1356	7		1601	7		1804	7		1958	7							

Sundays Bus times as at 3rd December 2023

Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note	Time	Service	Note			
0853	7		1052	7		1254	7		1455	7		1655	7		1855	7		2124	7				
0922	7		1123	7		1324	7		1525	7		1725	7		1925	7		2224	7				
0952	7		1153	7		1355	7		1555	7		1755	7		1955	7							
1022	7		1224	7		1425	7		1626	7		1825	7		2029	7							

Notes: Sch - St Brendan's School Days
Times shown in italics are approximate times

BY SMS
Bus times by text message



Get the times of the next four buses from this stop on your phone


Scan the QR code or send the stop code below to:

84268

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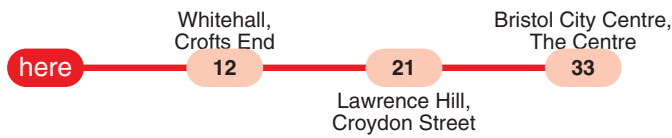
Code for this stop: **sglgamp**

NextBuses
Bus times by mobile browser



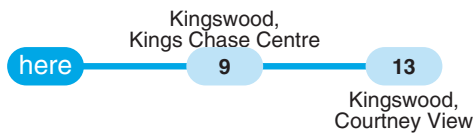
7 Staple Hill - Whitehall - Bristol City Centre

First in Bristol Bath & the West



86 Yate - Coalpit Heath - Emersons Green - Kingswood

Stagecoach West



The numbers circled indicate approximate timings in minutes from New Cheltenham, Alma Road

Mondays to Fridays

Bus times as at 1st December 2023

Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note		
0515	7	0726	7	0901	7	1108	7	1308	7	1507	7	1710	7	1930	7
0550	7	0745	7	0937	7	1138	7	1338	7	1537	7	1739	7	2034	7
0619	7	0804	7	1008	7	1208	7	1408	7	1607	7	1837	7	2140	7
0648	7	0830	7	1038	7	1238	7	1437	7	1639	7	1851	86	2239	7
0705	7	0841	86	1042	86	1242	86	1442	86	1646	86	1903	7	2336	7

Saturdays

Bus times as at 2nd December 2023

Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note		
0727	7	0928	7	1128	7	1328	7	1534	7	1736	7	2004	7
0757	7	0958	7	1159	7	1401	7	1608	7	1806	7	2038	7
0828	7	1028	7	1228	7	1432	7	1636	7	1838	7	2119	7
0841	86	1042	86	1242	86	1442	86	1646	86	1851	86	2221	7
0857	7	1058	7	1258	7	1500	7	1706	7	1906	7	2323	7

Sundays

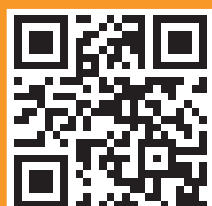
Bus times as at 3rd December 2023

Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note	Time	Service Note		
0803	7	1003	7	1205	7	1406	7	1606	7	1806	7	2026	7
0832	7	1035	7	1235	7	1435	7	1636	7	1833	7	2102	7
0903	7	1105	7	1304	7	1505	7	1706	7	1904	7	2202	7
0933	7	1134	7	1335	7	1536	7	1737	7	1941	7	2303	7

Times shown in italics are approximate times

BY SMS

Bus times by text message



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84268

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Code for this stop: sglgamt

NextBuses

Bus times by mobile browser



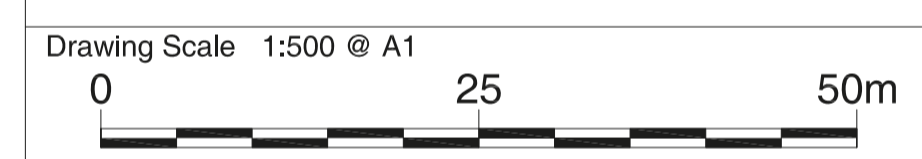


Appendix F – Architect Site Layout Plan

Responsibility is not accepted for errors made by others in scaling from this drawing. Contractors must check all dimensions on site. Discrepancies must be reported immediately to the architect before proceeding. This drawing is copyright ©2023 Nash Partnership. All rights reserved.

Rev.	Date	Notes	Int.
1	10.11.23	First Issue	PM
2	29.11.23	Planning Issue	FB
3	04.12.23	Planning Issue	PM

CDM Regulations



Bath : 01225 442424 | 23a Sydney Buildings, Bath, BA2 6BZ
 Bristol : 0117 3327560 | The Generator, Counterslip, Redcliffe, Bristol, BS1 6BX
www.nashpartnership.com
mail@nashpartnership.com

File Name: 21027-NP-XX-XX-DR-A-1002

PLANNING

Job Number	Originator	Zone	Level
21027	NP	XX	XX
Type	Role	Drawing Number	Revision
DR	A	1002	3

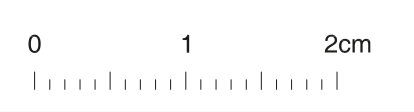
Project
 Barrington Close & Fairford Close
 Kingswood Regeneration

Title
 Proposed Site Plan

Drawn by	Project Manager	Scale
PM	AT	1:500 @ A1

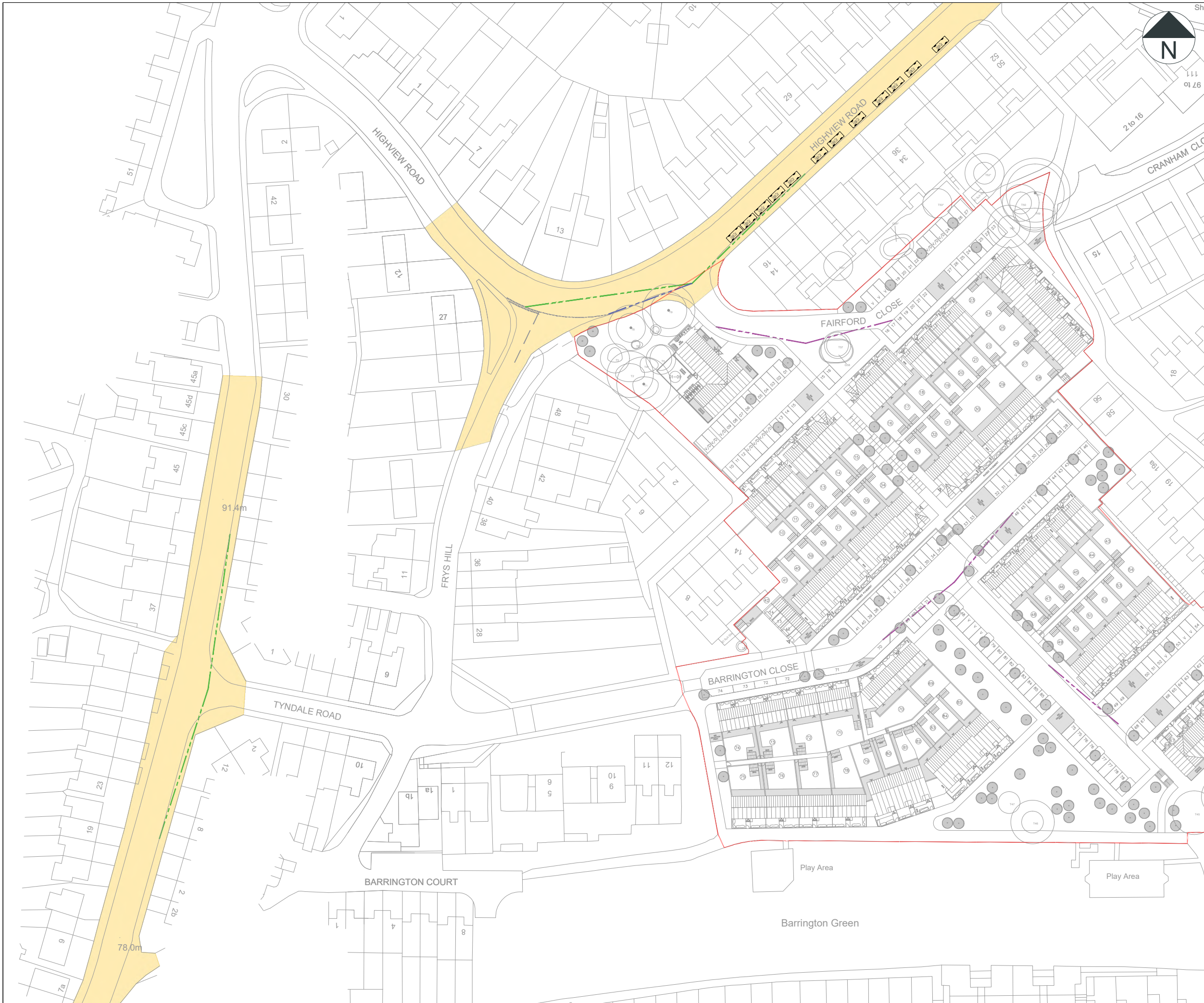


- Key**
- Application boundary
 - Retained Trees
 - Indicative Proposed Trees (Refer to landscape drawings)
 - Resident parking space
 - Visitor parking space
 - Visitor/displaced parking space





Appendix G – Visibility Assessment Drawing



Notes:

1. Do not scale from this drawing. All dimensions are in metres, unless stated otherwise.
2. This drawing is based on the Architect's layout by Nash Partnership, drawing number: 21027-NP-XX-XX-DR-A-1002-3, and dated 04/12/23.
3. Highway boundary information has been provided by South Gloucestershire Council (SGC), dated 2023, and has been overlaid by Rappor onto the Ordnance Survey on a best fit basis.
4. Ordnance Survey, (c) Crown Copyright 2021. All rights reserved. Licence number 100022432.
5. Existing road markings have been overlaid by Rappor onto the Ordnance Survey on a best fit basis.

Key:

- Site Boundary
- Adopted Highway Boundary
- - - 2.4m x 43m Emerging Visibility Splay (Based on a MfS design speed of 30mph)
- - - 2.4m x 24m Tangential Visibility Splay
- - - 2.4m x 25m Emerging Visibility Splay (Based on a MfS design speed of 20mph)

P06	04/12/23	Updated Layout & Red Line Boundary	SB	JS
P05	30/11/23	Updated Layout & Visibility Splays	SL	JS
P04	19/10/23	Updated Layout	SL	JS
P03	03/10/23	Updated Layout	SL	JS
P02	25/08/23	Updated Layout & Visibility Splays	SL	JS
P01	09/08/23	Updated Layout & Visibility Splays	SB	JS

Rev	Date	Details	By	Chkd
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CLIENT: Bromford and EG Carter & Co Ltd

PROJECT: Barrington Close and Fairford Close, Kingswood, Bristol

TITLE: Visibility Assessment

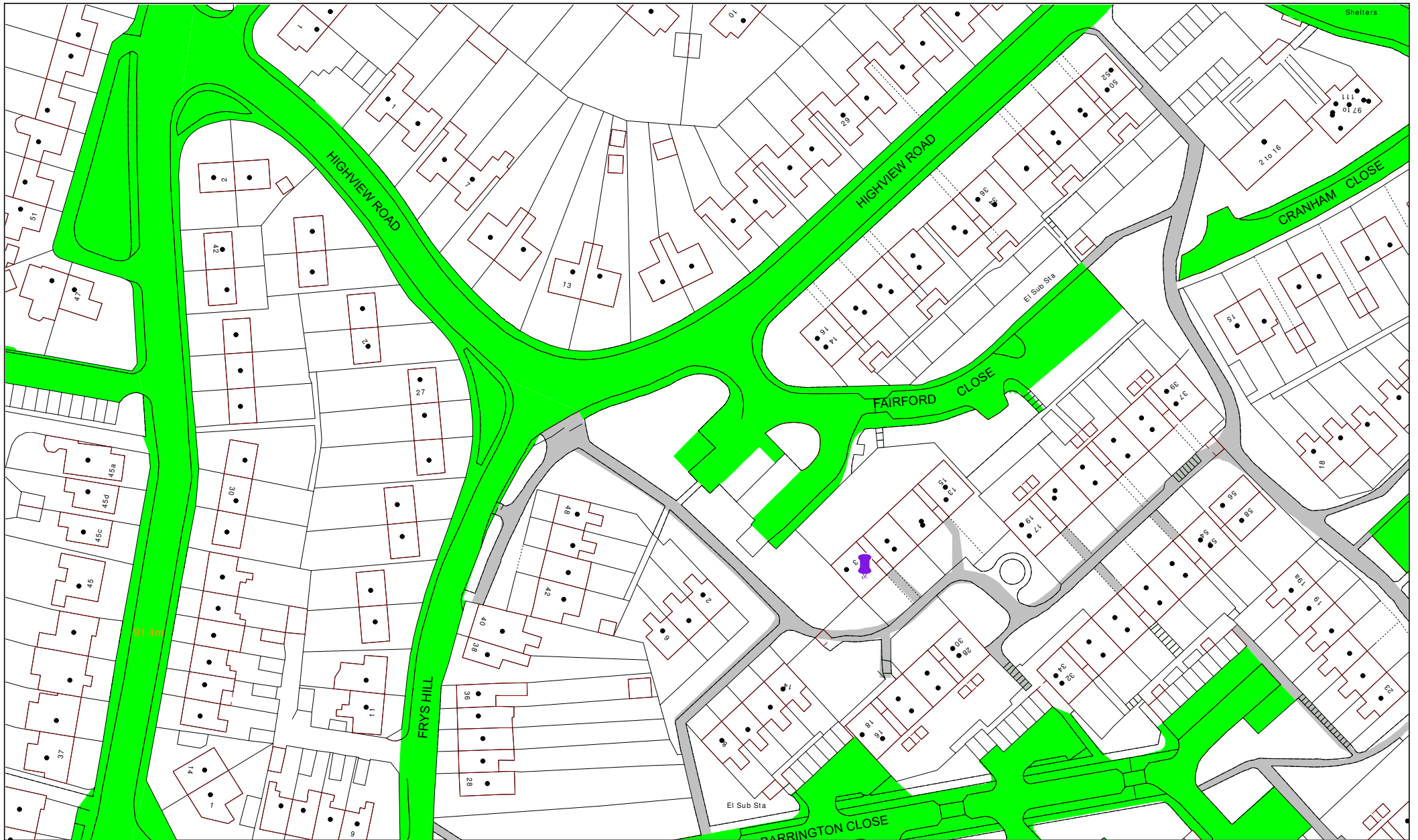
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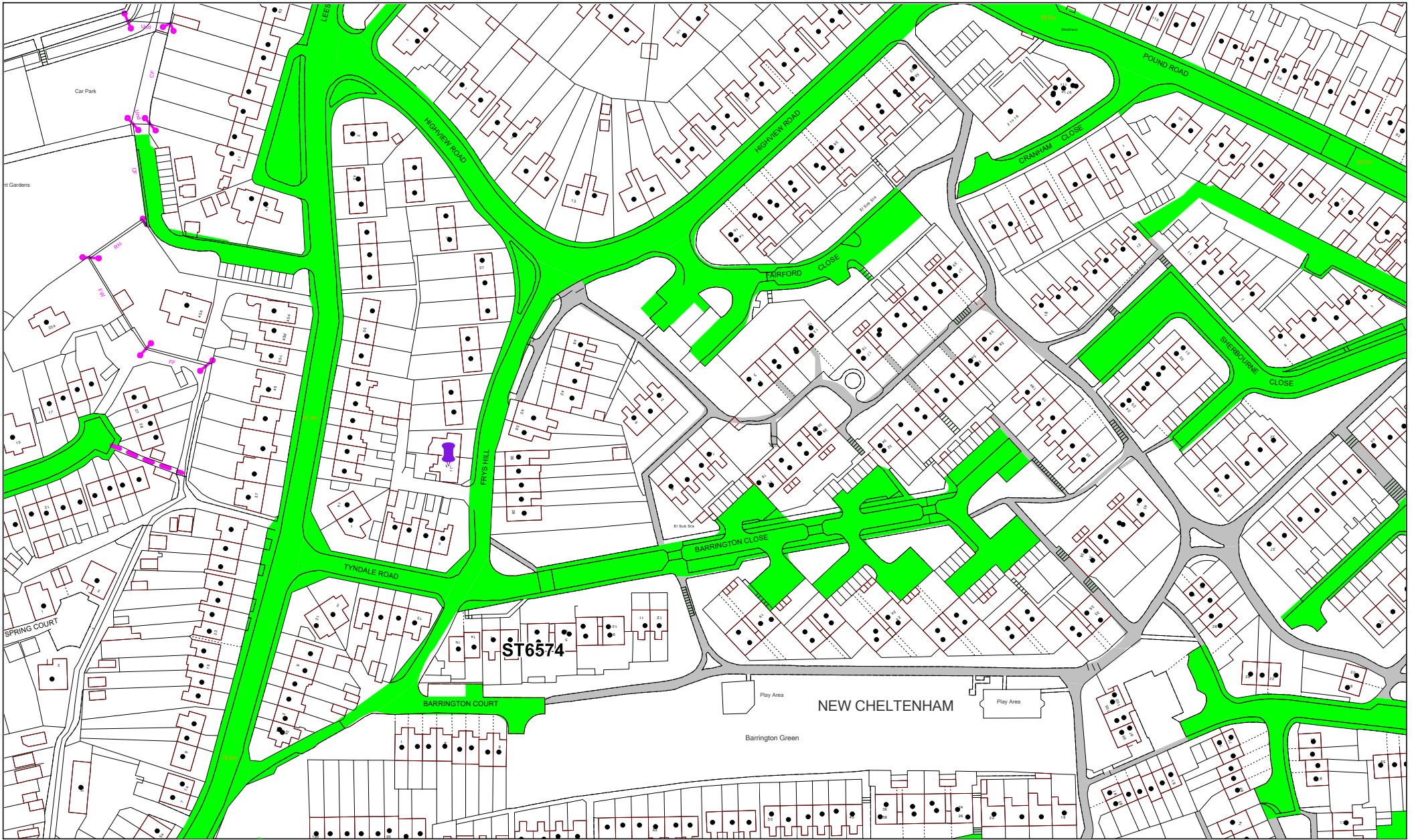
STATUS: INFORMATION

DRAWING NO:	REVISION:
230268-RAP-XX-XX-DR-TP-3210	P06



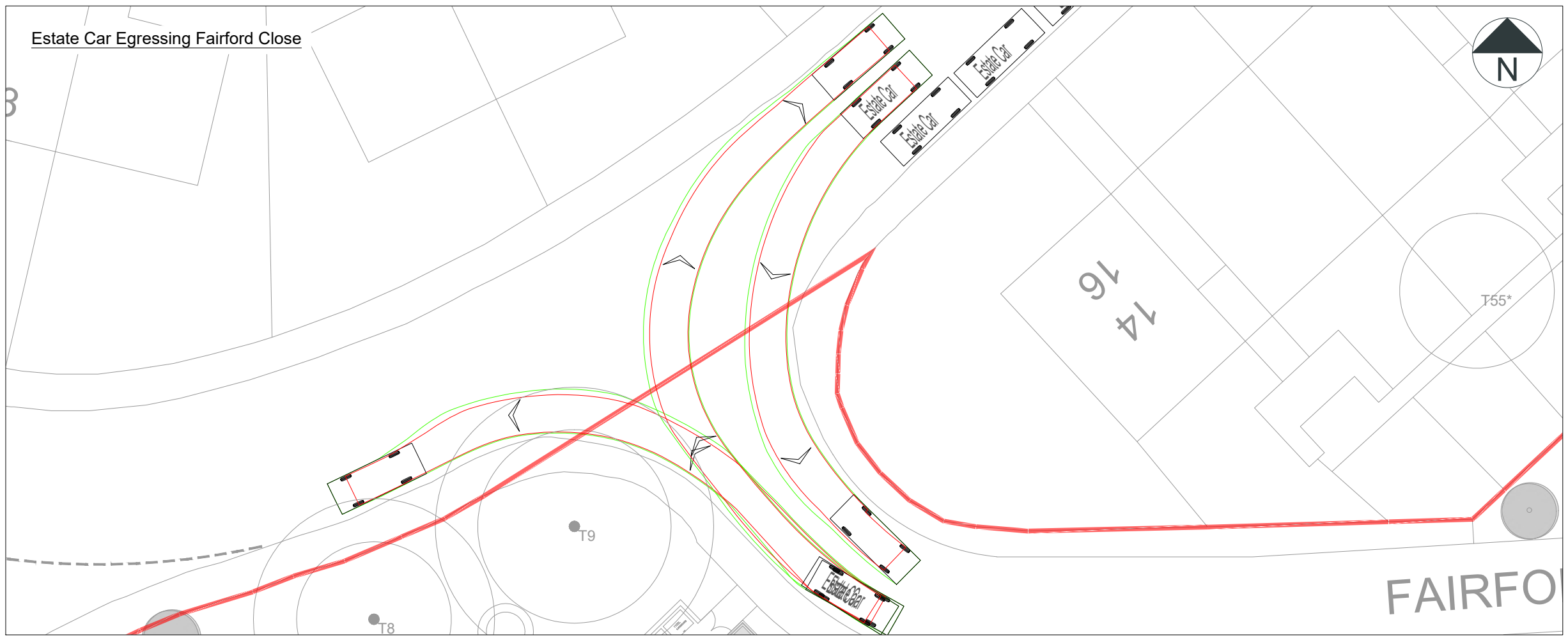
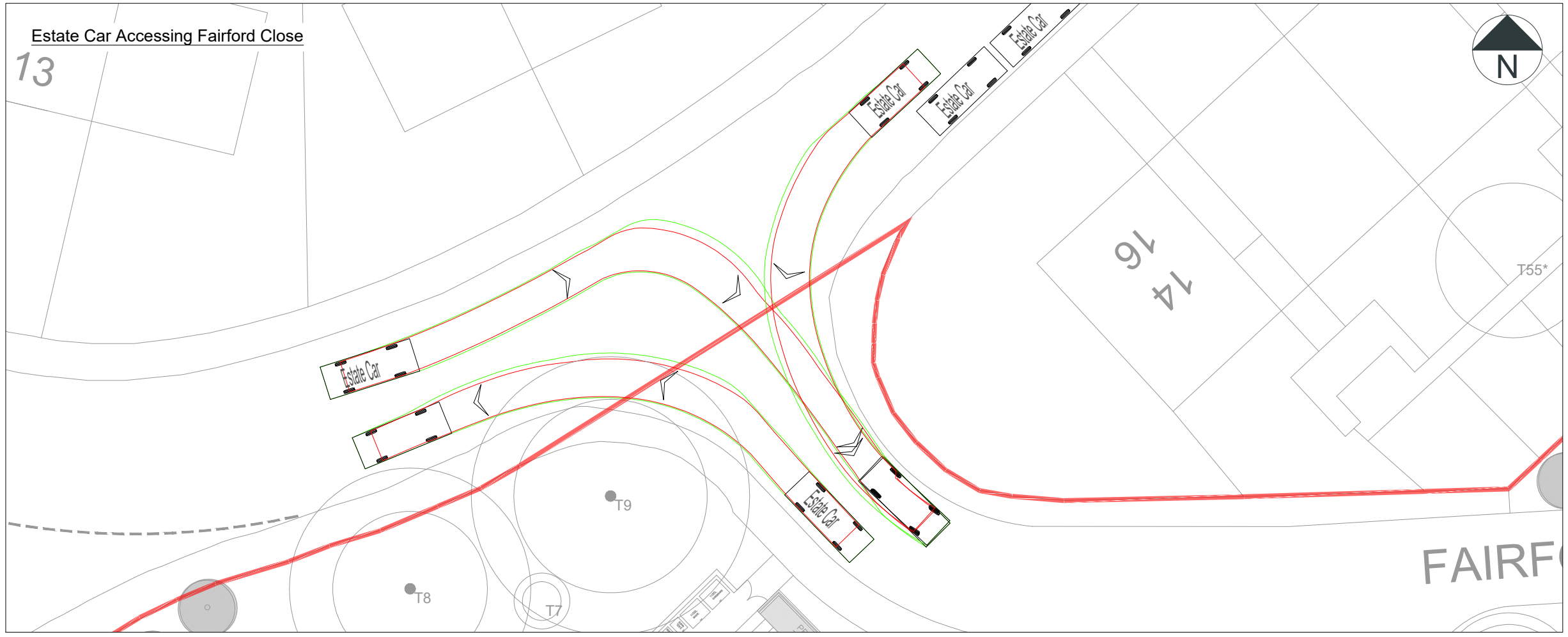
Appendix H – Highway Boundary Data







Appendix I – Swept Path Analysis – Estate Car



Notes:

1. Do not scale from this drawing. All dimensions are in metres, unless stated otherwise.
2. This drawing is based on the Architect's layout by Nash Partnership, drawing number: 21027-NP-XX-XX-DR-A-1002-3, and dated 04/12/23.
3. Ordnance Survey, (c) Crown Copyright 2021. All rights reserved. Licence number 100022432.
4. Existing road markings have been overlaid by Rappor onto the Ordnance Survey on a best fit basis.

Vehicle Profile

Estate Car (2006)	4.710m
Overall Length	1.804m
Overall Width	1.442m
Overall Body Height	0.207m
Min Body Ground Clearance	1.756m
Max Track Width	4.00s
Lock to lock time	5.950m
Kerb to Kerb Turning Radius	

Key:

Site Boundary

P06	04/12/23	Updated Layout & Red Line Boundary	SB	JS
P05	30/11/23	Updated Layout	SL	JS
P04	19/10/23	Updated Layout	SL	JS
P03	03/10/23	Updated Layout	SL	JS
P02	25/08/23	Updated Layout & SPA	SL	JS
P01	09/08/23	Updated Layout	SB	JS
Rev	Date	Details	By	Chkd



CLIENT:
Bromford and EG Carter & Co Ltd

PROJECT:
**Barrington Close and Fairford Close,
Kingswood, Bristol**

TITLE:
**Swept Path Analysis -
Estate Car**

SCALE @ A3:	DATE:	DRAWN:	CHECKED:	APPROVED:
1: 250	22/05/23	SL	FA	JS

STATUS: INFORMATION

DRAWING NO:	REVISION:
230268-RAP-XX-XX-DR-TP-4100	P06



Appendix J – Geometric Plan



Appendix K – On-site Swept Path Analysis – Estate Car

Estate Car - Internal Roads



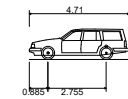
Estate Car - Parking Bays



Notes:

1. Do not scale from this drawing. All dimensions are in metres, unless stated otherwise.
2. This drawing is based on the Architect's layout by Nash Partnership, drawing number: 21027-NP-XX-XX-DR-A-1002-3, and dated 04/12/23.
3. Ordnance Survey, (c) Crown Copyright 2021. All rights reserved. Licence number 100022432.
4. Existing road markings have been overlaid by Rappor onto the Ordnance Survey on a best fit basis.

Vehicle Profile



Estate Car (2006)	4.710m
Overall Length	1.804m
Overall Width	1.442m
Overall Body Height	0.207m
Min Body Ground Clearance	1.756m
Max Track Width	4.00s
Lock to lock time	5.950m
Kerb to Kerb Turning Radius	

Key:

Site Boundary

P06	04/12/23	Updated Layout & Red Line Boundary	SB	JS
P05	30/11/23	Updated Layout & SPA	SL	JS
P04	19/10/23	Updated Layout & SPA	SL	JS
P03	03/10/23	Updated Layout & SPA	SL	JS
P02	25/08/23	Updated Layout & SPA	SL	JS
P01	09/08/23	Updated Layout & SPA	SB	JS

Rev	Date	Details	By	Chkd
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CLIENT:
Bromford and EG Carter & Co Ltd

PROJECT:
Barrington Close and Fairford Close, Kingswood, Bristol

TITLE:
On-site Swept Path Analysis - Estate Car

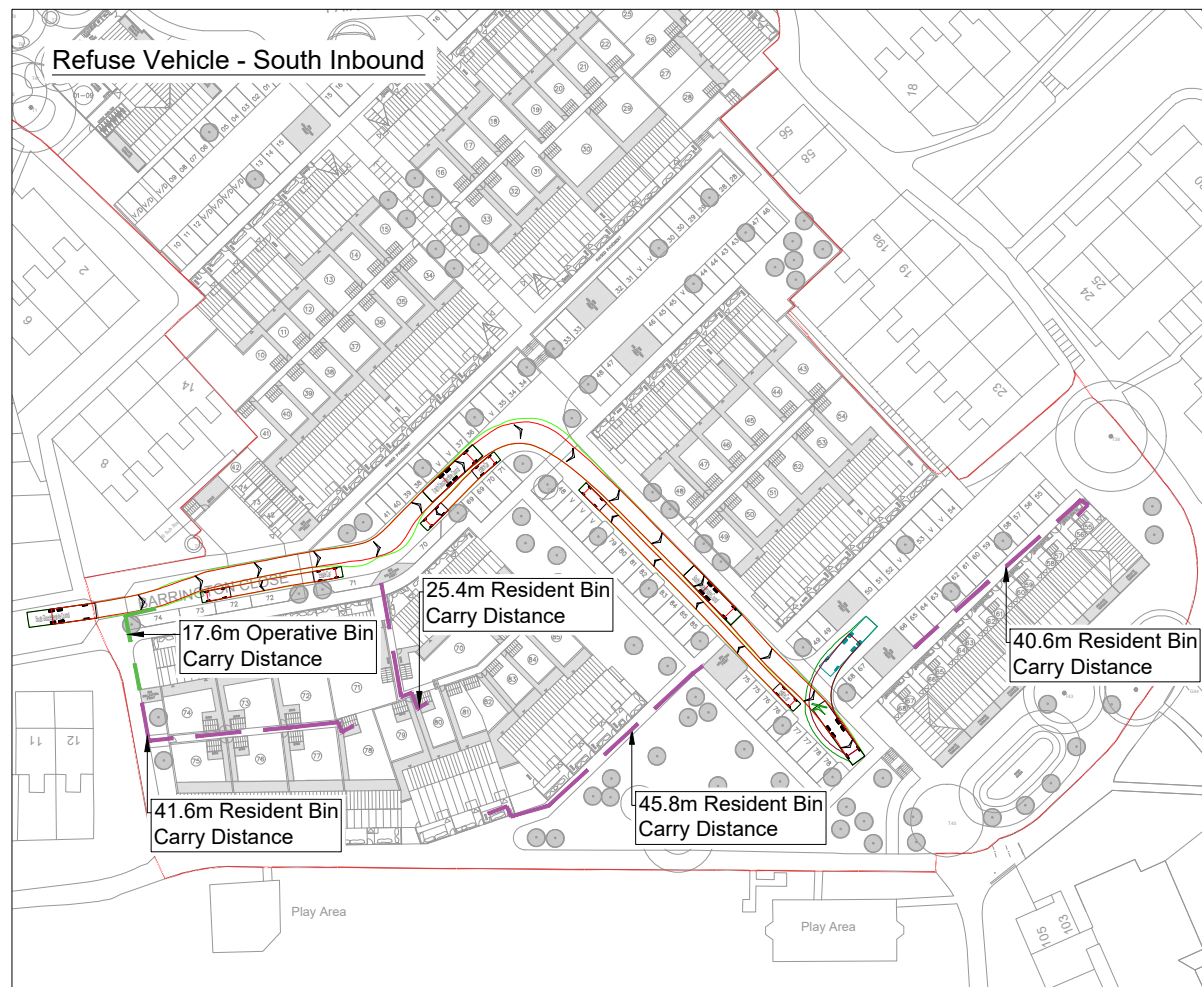
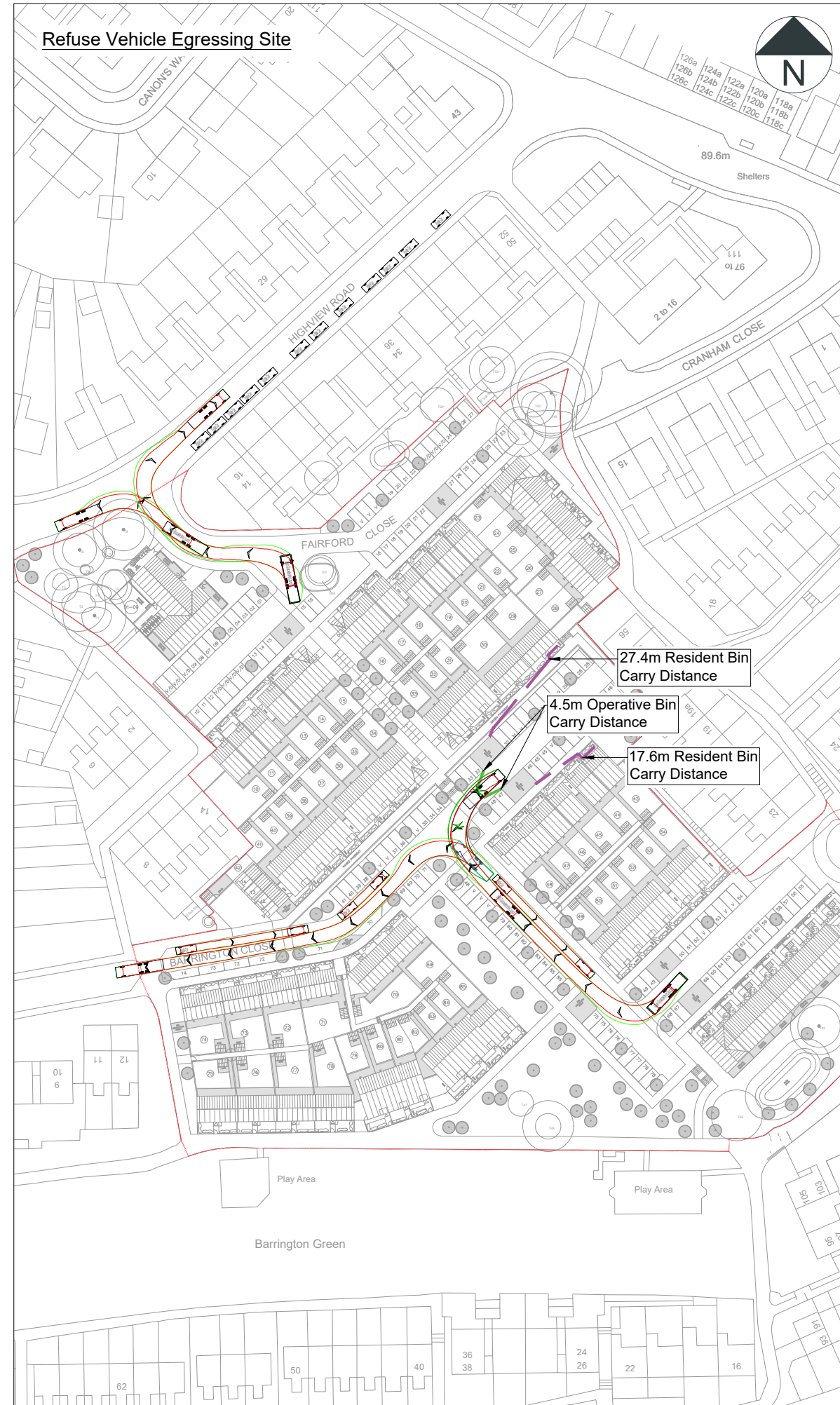
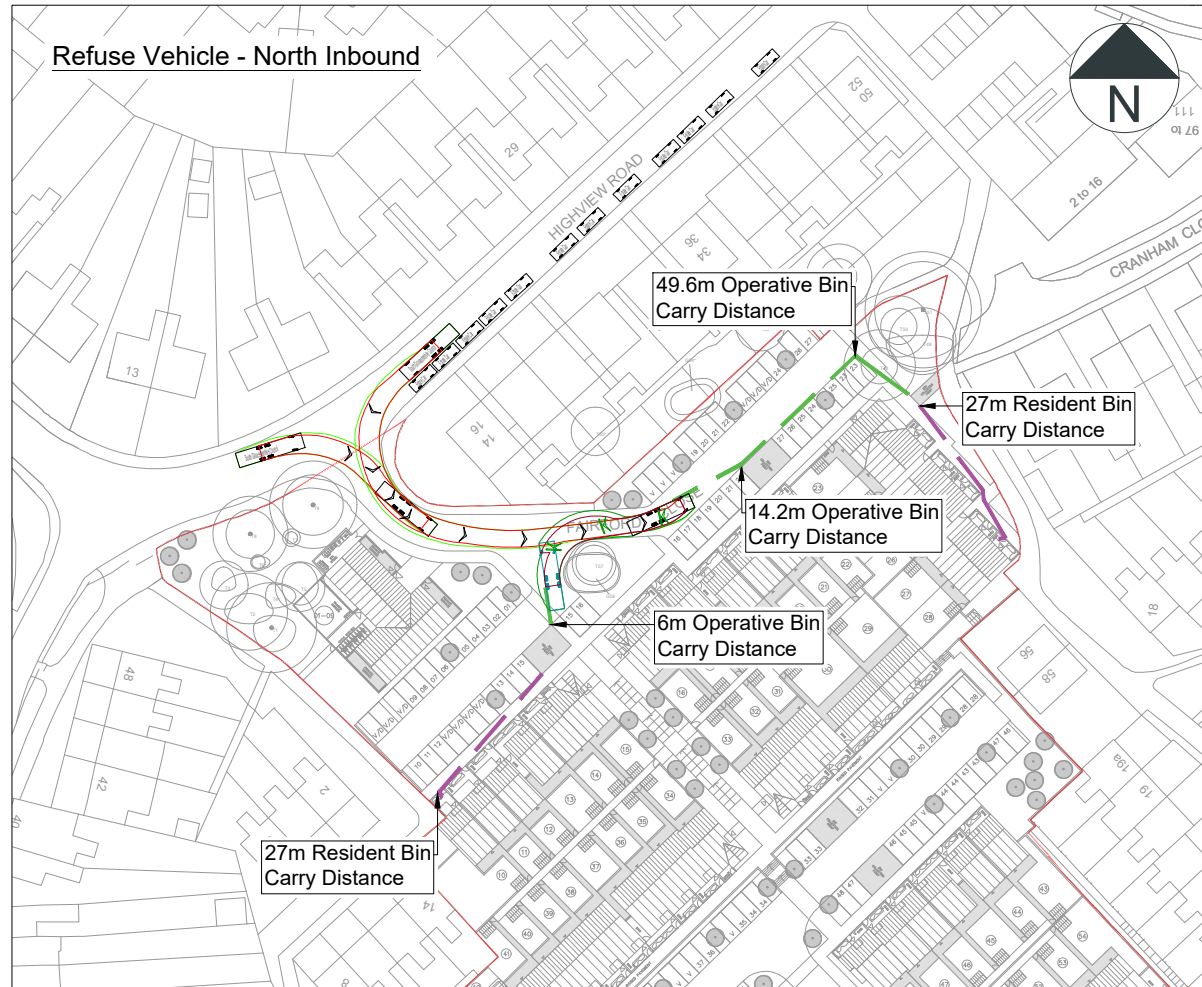
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1:1250	22/05/23	SL	FA	JS

STATUS: INFORMATION

DRAWING NO:	REVISION:
230268-RAP-XX-XX-DR-TP-4110	P06



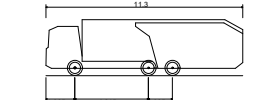
Appendix L – Swept Path Analysis – Refuse Vehicle



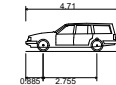
Notes:

1. Do not scale from this drawing. All dimensions are in metres, unless stated otherwise.
2. This drawing is based on the Architect's layout by Nash Partnership, drawing number: 21027-NP-XX-XX-DR-A-1002-3, and dated 04/12/23.
3. Ordnance Survey, (c) Crown Copyright 2021. All rights reserved. Licence number 100022432.
4. Existing road markings have been overlaid by Rappor onto the Ordnance Survey on a best fit basis.

Vehicle Profile



South Gloucestershire Council
 Overall Length 11.300m
 Overall Width 2.500m
 Overall Body Height 3.205m
 Min Body Ground Clearance 0.410m
 Track Width 2.500m
 Lock to lock time 4.00s
 Wall to Wall Turning Radius 10.150m



Estate Car (2006)
 Overall Length 4.710m
 Overall Width 1.804m
 Overall Body Height 1.442m
 Min Body Ground Clearance 0.207m
 Max Track Width 1.756m
 Lock to lock time 4.00s
 Kerb to Kerb Turning Radius 5.950m

Key:

- Site Boundary
- Operative Bin Carry Distance
- Resident Bin Carry Distance

Rev	Date	Details	By	Chkd
P06	04/12/23	Updated Layout, SPA & Bin Carry Distances	SB	JS
P05	30/11/23	Updated Layout & Carry Distances	SL	JS
P04	19/10/23	Updated Layout & Carry Distances	SL	JS
P03	03/10/23	Updated Layout & Carry Distances	SL	JS
P02	25/08/23	Updated Layout & SPA	SL	JS
P01	09/08/23	Updated Layout, Carry Distances & SPA	SB	JS

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CLIENT:
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PROJECT:
 Barrington Close and Fairford Close,
 Kingswood, Bristol

TITLE:
 Swept Path Analysis -
 Refuse Vehicle

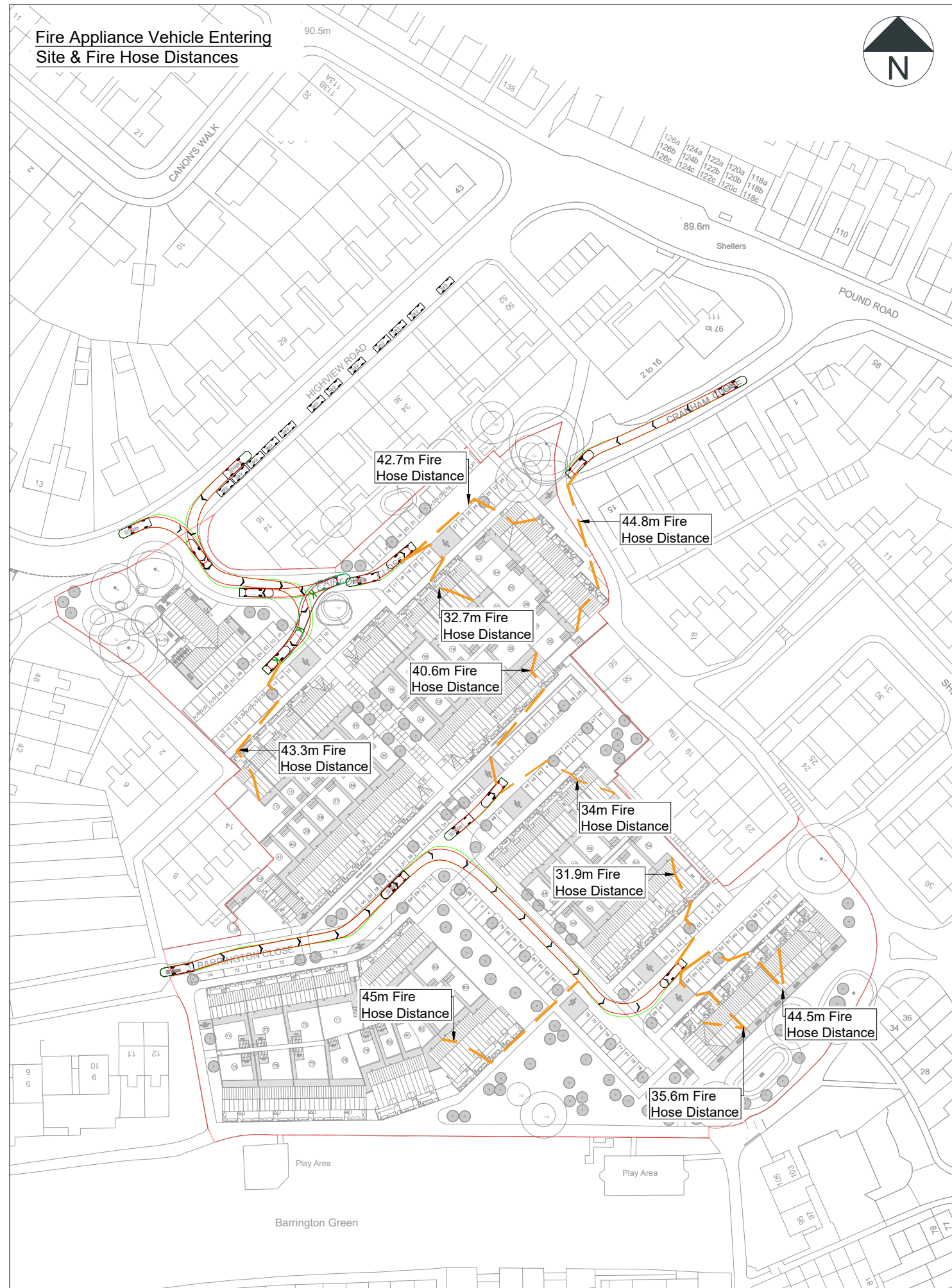
SCALE @ A3:	DATE:	DRAWN:	CHECKED:	APPROVED:
1: 1250	22/05/23	SL	FA	JS

STATUS: INFORMATION

DRAWING NO:	REVISION:
230268-RAP-XX-XX-DR-TP-4130	P06



Appendix M – Swept Path Analysis – Fire Appliance Vehicle



Notes:

1. Do not scale from this drawing. All dimensions are in metres, unless stated otherwise.
2. This drawing is based on the Architect's layout by Nash Partnership, drawing number: 21027-NP-XX-XX-DR-A-1002-3, and dated 04/12/23.
3. Ordnance Survey, (c) Crown Copyright 2021. All rights reserved. Licence number 100022432.
4. Existing road markings have been overlaid by Rappor onto the Ordnance Survey on a best fit basis.

Vehicle Profile

DB32 Fire Appliance	8.680m
Overall Length	2.180m
Overall Width	3.452m
Min Body Ground Clearance	0.337m
Max Track Width	2.121m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	7.910m

Key:

- Site Boundary
- Fire Hose Distance

P07	04/12/23	Updated Layout & Fire Hose Distances	SB	JS
P06	30/11/23	Updated Layout & Fire Hose Distances	SL	JS
P05	19/10/23	Updated Layout, SPA, Fire Hose Distances & Removed Hatching	SL	JS
P04	11/10/23	Updated Fire Hose Distances, Removed SPA & Highlighted Dwellings for Sprinkler Systems	SL	JS
P03	03/10/23	Updated Layout & Fire Hose Distances	SL	JS
P02	25/08/23	Updated Layout	SL	JS
P01	09/08/23	Updated Layout & Hose Distances	SB	JS
Rev	Date	Details	By	Chkd



CLIENT: Bromford and EG Carter & Co Ltd

PROJECT: Barrington Close and Fairford Close, Kingswood, Bristol

TITLE: Swept Path Analysis - Fire Appliance Vehicle

SCALE @ A3:	DATE:	DRAWN:	CHECKED:	APPROVED:
1: 1250	22/05/23	SL	FA	JS

STATUS: INFORMATION

DRAWING NO:	REVISION:
230268-RAP-XX-XX-DR-TP-4120	P07