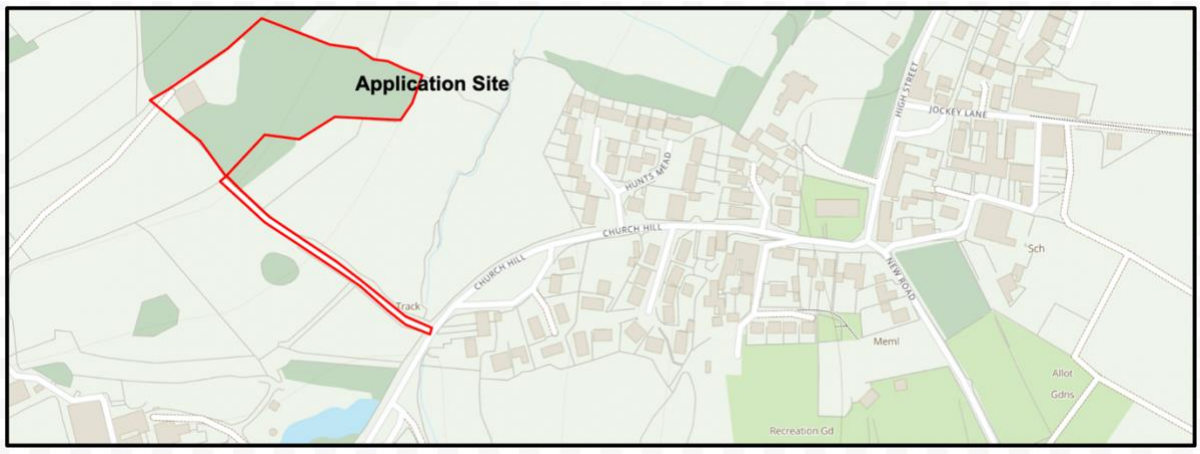
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Proposed Residential Dwelling
Clackersbrook Barn, off Church Hill, Bromham, SN15 2JJ

Introduction

This Highway Technical Note has been commissioned by Greg Wilkinson in support of a planning application submission to Wiltshire Council for the demolition of an existing agricultural barn and for the erection of a detached 4-bedroom dwelling on land at Clackersbrook Barn, Church Hill, Bromham. The location of the site is shown below.



The site is located to the north-west of Church Hill, which is predominantly a rural access road that links the A3102 to the west with the settlement of Bromham to the east. The road does not benefit from pedestrian footways or street lighting and is at this point subject to the National Speed Limit.

A review of the accident history for this area has revealed that within the last 5 years there have been no accidents that resulted in injury with at least a 750m radius of the site, which would suggest that the surrounding highway network is operating in a safe and efficient manner.

The site is served by an existing access in the form of simple verge crossing with a 5-bar metal gate set back slightly from the edge of the carriageway. A grassed track leads from Church Hill, north-west to where it meets the site. This track also forms part of the public footway network being classified as Footpath BROM 9. This is served by a wooden swing pedestrian agate and a stile.

Despite Church Hill being subject to the National Speed limit, on-site sport speed measurements showed that traffic approaching from both directions were recorded at less than the posted speed limit.

Traffic Speed and Volumes

In order to determine the actual speed and volume of traffic using this section of Church Hill, two automatic traffic counters (ATC's) were installed on 18th April 2023 to the east and west of the access and were left in-situ for a 7-day period. A summary of the traffic speeds and volumes is shown below, whilst the actual data is included as Appendix 1 to this Note.

Church Hill ATC 2 (60mph) West						
Traffic Speeds				Traffic Volumes		
Average Speed		85th Percentile Speed		West Bound	Eastbound	Two-way
West Bound	Eastbound	West Bound	Eastbound	430	504	934
33.2	35.5	43.3	38.5*			

Church Hill ATC 1 (60mph) East						
Traffic Speeds				Traffic Volumes		
Average Speed		85th Percentile Speed		West Bound	Eastbound	Two-way
West Bound	Eastbound	West Bound	Eastbound	421	503	924
32.6	33.5	38.4*	39.0			

In order to determine the required visibility splays for the access based on the recorded 85th percentiles, guidance from Manual for Streets has been used where a reaction time of 1.5s has been utilised and a deceleration rate of 0.450g has been employed. Based on such parameters, visibility Y distances of 62.0m would be required in both the easterly and westerly directions.

With regards to X distances, Manual for Streets provides advice in paragraph 7.7.7 where it says:

"A minimum figure of 2.0m may be considered in some lightly trafficked and slow speed situations, but using this value will mean that the front of some vehicles will protrude slightly into the running carriageway of the major arm. The ability of drivers and cyclists to see this overhang from a reasonable distances and to manoeuvre around it without undue difficulty should be considered. This also applies in lightly trafficked rural lanes."

Access and Visibility

In this case, the access is existing and has previously served an agricultural use which generated large, slow-moving vehicles. The use of a 2.0m X distances is therefore considered to be appropriate in this instance, whilst visibility Y distances of 62.0m are to be provided in both the easterly and westerly directions. A drawing is included as Appendix 2 which shows the ability of these splays to be provided within land considered to be in the confines of the public highway.

The existing gate will be relocated to within 6.0m of the edge of the carriageway, whilst the stile and swing gate will remain in their current location. A new section of post and rail fence will be installed between the eastern side of the stile and the relocated gate, to maintain an adequate enclosure.

Traffic Impact

Historically the site generated large, slow moving agricultural vehicles and farm workers on a daily basis, yet despite the status as a public footpath, the access track operated without any apparent problems. In order to assess the likely traffic impact that this development would generate, the TRICS database v7.10.1 has been interrogated.

In selecting suitable comparison sites, the following parameters have been applied.

- Land Use – Residential - Houses Privately Owned
- Housing Type – Detached Dwellings
- Number of Dwellings – 10 to 36
- Location – Edge of Town

A summary of the TRICS trip rates and likely traffic generation based on a net increase of 4 dwellings is shown within the table below.

Residential – Dwellings Privately Owned			
	Arrivals	Departures	Total Two-way
AM Peak	0.116	0.289	0.405
PM Peak	0.301	0.150	0.451
Daily	2.399	2.319	4.718

From the above it can be seen that if approved, the development is not likely to generate any additional traffic movement during the normal AmMand PM peak periods, whilst during the course of a 12-hour day, the proposal is likely to generate around 5 two-way daily vehicular movements.

The likely impact on the existing public footpath is therefore considered to be di minimis.

Summary and Conclusion

This Highway Technical Note has been produced to support a planning application for the demolition of an existing agricultural barn and for its replacement with a single residential dwelling at Clackersbrook Barn, off Church Hill, Bromham.

The site is to be served by an existing access in the form of a simple verge crossing.

Two automatic traffic speed and volume surveys have been undertaken, and visibility at the site access is being provided commensurate with the recorded 85th percentile speeds.

The existing gate to the site is to be set back so that vehicles can stand clear of the carriageway whilst the gate is being opened or closed, a positive improvement over the existing situation.

Using TRICS data it has been shown that the development is likely to generate just 5 two-way traffic movements per day, which is comparable with the previous use of the site. No detriment will therefore be caused by users of the access track and users of the public footpath.

The application is therefore deemed to be acceptable from a highway safety point of view.

Nick Culhane July 2023

Appendix 1

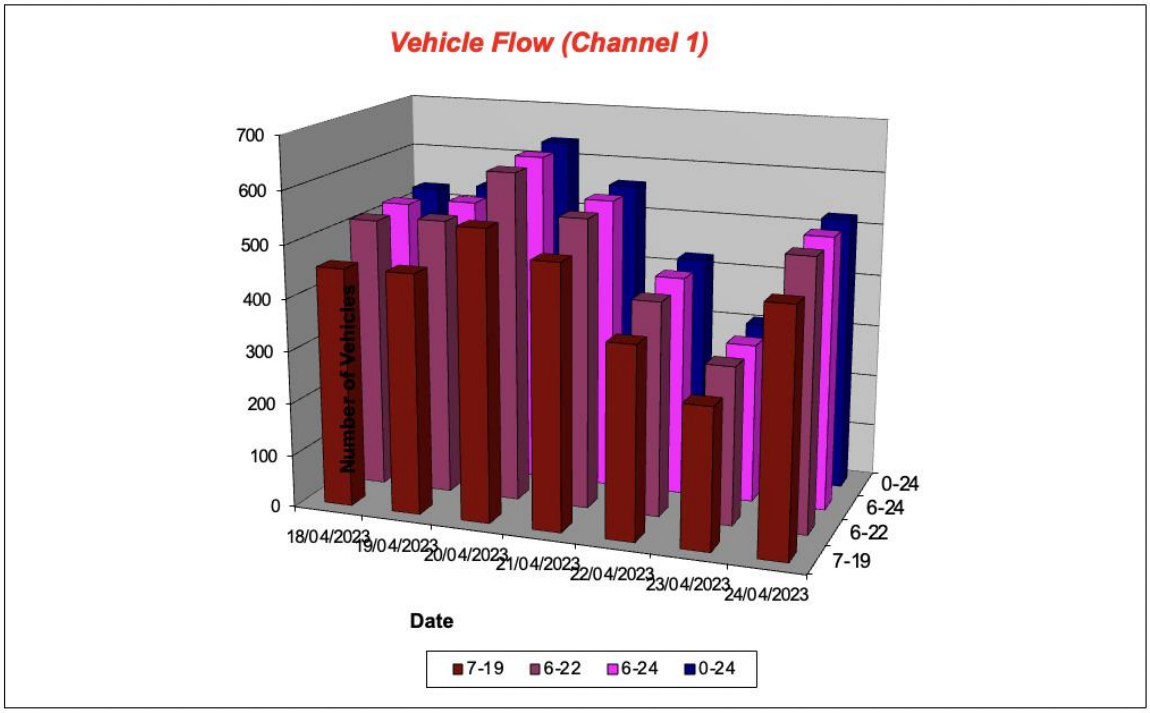
ATC Data

Bromham ATC 1, Church Hill

Produced by Streetwise Services Ltd.

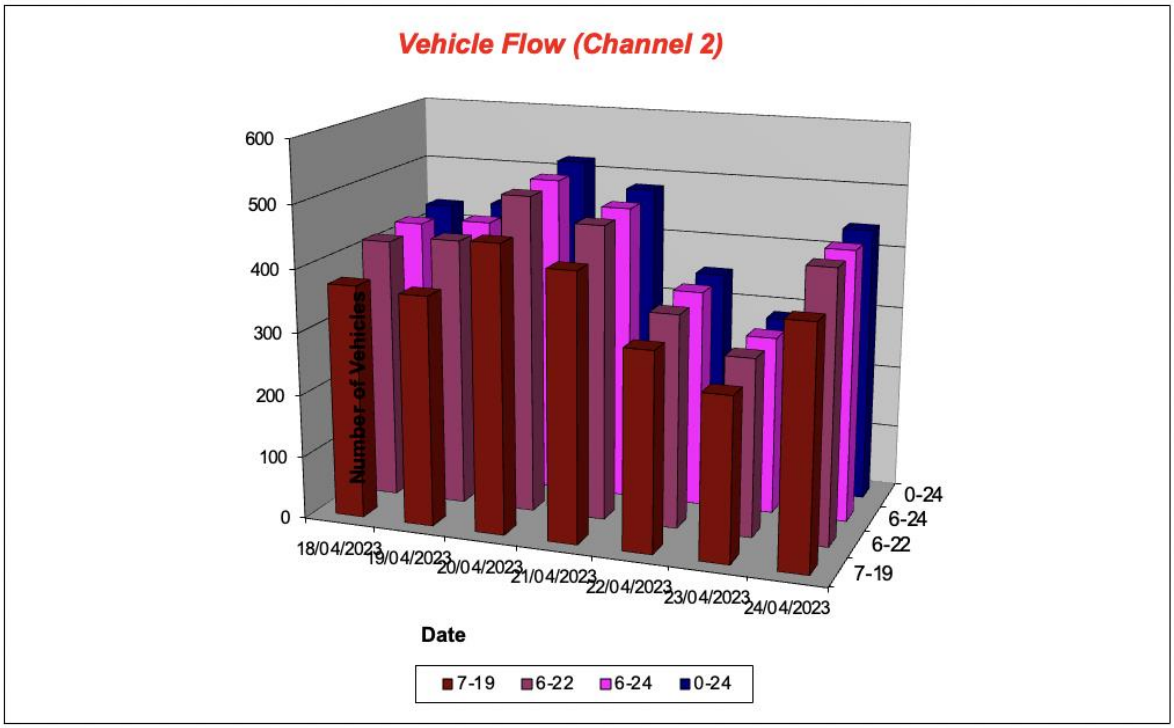
Channel 1 - Eastbound **Vehicle Flow** **Week 1**

Hr Ending	18/04/2023 Tuesday	19/04/2023 Wednesday	20/04/2023 Thursday	21/04/2023 Friday	22/04/2023 Saturday	23/04/2023 Sunday	24/04/2023 Monday	5 Day Ave	7 Day Ave
1	0	0	0	0	4	3	1	0	1
2	1	1	1	1	0	0	2	1	1
3	0	0	0	0	0	0	0	0	0
4	1	0	0	0	0	0	0	0	0
5	1	1	2	0	0	0	0	1	1
6	3	3	3	2	1	0	1	2	2
7	10	12	11	7	2	0	10	10	7
8	29	26	33	32	6	5	32	30	23
9	48	51	58	58	18	7	52	53	42
10	25	27	42	33	31	11	31	32	29
11	27	39	28	26	31	36	22	28	30
12	28	26	49	41	39	35	31	35	36
13	26	27	33	41	33	30	41	34	33
14	37	37	41	41	38	32	32	38	37
15	38	33	40	40	45	22	42	39	37
16	47	52	68	50	25	28	59	55	47
17	65	57	61	44	39	30	47	55	49
18	52	44	62	46	30	18	44	50	42
19	33	38	35	48	30	14	28	36	32
20	26	27	33	24	23	18	23	27	25
21	14	19	21	12	11	11	11	15	14
22	12	11	10	7	7	4	8	10	8
23	2	6	4	6	9	3	4	4	5
24	4	3	2	1	3	0	2	2	2
7-19	455	457	550	500	365	268	461	485	437
6-22	517	526	625	550	408	301	513	546	491
6-24	523	535	631	557	420	304	519	553	498
0-24	529	540	637	560	425	307	523	558	503



Channel 2 - Westbound **Vehicle Flow** **Week 1**

Hr Ending	18/04/2023 Tuesday	19/04/2023 Wednesday	20/04/2023 Thursday	21/04/2023 Friday	22/04/2023 Saturday	23/04/2023 Sunday	24/04/2023 Monday	5 Day Ave	7 Day Ave
1	0	0	0	0	0	0	0	0	0
2	0	0	1	0	0	0	0	0	0
3	0	0	1	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	2	1	2	1	0	0	1	1	1
6	6	6	6	7	2	0	6	6	5
7	19	17	14	15	0	0	19	17	12
8	23	28	27	24	6	8	29	26	21
9	42	32	53	45	26	18	48	44	38
10	33	38	30	41	31	20	42	37	34
11	21	31	20	28	34	27	27	25	27
12	28	26	34	32	47	44	25	29	34
13	25	23	47	34	28	25	17	29	28
14	24	30	46	33	15	30	29	32	30
15	40	25	26	32	29	19	39	32	30
16	36	31	51	55	28	18	46	44	38
17	39	45	49	38	26	25	30	40	36
18	37	27	40	37	27	19	26	33	30
19	25	31	34	26	19	7	22	28	23
20	11	17	12	12	9	15	19	14	14
21	11	17	15	11	6	5	6	12	10
22	4	10	8	6	10	4	8	7	7
23	4	6	4	3	7	1	0	3	4
24	2	0	0	1	0	0	1	1	1
7-19	373	367	457	425	316	260	380	400	368
6-22	418	428	506	469	341	284	432	451	411
6-24	424	434	510	473	348	285	433	455	415
0-24	432	441	520	481	350	285	440	463	421



Bromham ATC 1, Church Hill

Produced by Streetwise Services Ltd.

Channel 1 - Eastbound **Average Speed** **Week 1**

Hr Ending	18/04/2023 Tuesday	19/04/2023 Wednesday	20/04/2023 Thursday	21/04/2023 Friday	22/04/2023 Saturday	23/04/2023 Sunday	24/04/2023 Monday
1	-	-	-	-	29.2	34.7	25.5
2	33.0	25.5	33.0	25.5	-	-	33.0
3	-	-	-	-	-	-	-
4	48.0	-	-	-	-	-	-
5	33.0	38.0	35.5	-	-	-	-
6	32.2	35.5	35.5	34.2	38.0	-	25.5
7	36.8	35.7	29.4	34.4	21.5	-	34.2
8	32.1	34.8	34.0	36.4	30.9	33.5	34.4
9	33.1	34.0	33.7	34.2	33.1	36.9	35.1
10	35.0	32.4	33.9	31.3	34.9	32.5	32.0
11	32.5	31.5	33.9	34.7	33.5	34.8	32.2
12	31.7	33.1	32.1	33.6	33.8	33.3	33.7
13	32.3	31.2	32.7	34.0	31.6	33.8	33.4
14	31.2	31.5	32.9	35.1	32.3	33.9	32.7
15	33.1	33.2	32.8	32.2	32.7	36.0	34.1
16	32.3	34.5	36.8	33.4	31.2	34.5	34.0
17	32.3	32.7	34.4	34.7	33.1	32.2	32.9
18	31.8	31.6	31.8	34.6	33.6	33.7	32.0
19	33.7	34.2	35.6	31.8	34.5	31.6	35.1
20	33.3	32.0	33.6	35.9	36.7	32.9	34.1
21	34.8	33.4	35.5	35.9	31.9	34.8	37.3
22	33.0	31.4	30.0	31.6	31.9	35.5	34.9
23	29.2	37.2	38.0	37.2	33.0	41.3	39.2
24	38.6	28.0	33.0	38.0	38.0	-	43.0
10-12	32.1	32.2	32.7	34.0	33.7	34.1	33.1
14-16	32.6	34.0	35.3	32.9	32.1	35.2	34.0
0-24	32.8	33.0	33.7	33.9	33.2	33.9	33.7

7 Day Ave	33.5

85th Percentile

Hr Ending	18/04/2023 Tuesday	19/04/2023 Wednesday	20/04/2023 Thursday	21/04/2023 Friday	22/04/2023 Saturday	23/04/2023 Sunday	24/04/2023 Monday
1	-	-	-	-	33.2	38.2	26.3
2	33.7	25.8	33.0	25.9	-	-	33.4
3	-	-	-	-	-	-	-
4	48.5	-	-	-	-	-	-
5	33.6	38.6	38.3	-	-	-	-
6	38.3	43.6	43.4	43.3	39.0	-	26.0
7	43.3	43.3	38.3	43.9	38.1	-	38.5
8	38.8	43.3	43.9	43.6	43.4	43.1	43.2
9	38.0	38.8	39.0	43.6	38.4	38.1	38.3
10	38.8	38.8	38.4	38.4	38.5	38.3	38.1
11	38.8	38.6	38.3	38.1	43.2	38.1	38.6
12	33.7	44.0	38.2	38.6	38.5	38.0	43.2
13	38.0	33.9	43.2	38.7	38.3	43.5	38.9
14	38.4	38.2	38.6	43.9	38.6	43.7	38.1
15	38.9	38.7	38.4	38.8	38.5	38.5	38.4
16	38.8	44.0	43.4	38.0	38.2	38.8	38.3
17	38.4	38.2	43.7	38.5	38.9	38.1	38.9
18	39.0	38.5	38.3	43.9	38.7	38.2	38.8
19	38.9	43.1	43.6	38.4	43.5	38.7	43.3
20	43.1	39.0	38.2	43.7	43.4	43.5	38.7
21	48.9	38.7	38.2	38.5	43.1	38.4	43.3
22	43.4	43.0	38.6	38.5	48.8	38.1	43.1
23	33.5	43.6	48.1	43.5	38.5	48.7	48.0
24	48.8	33.1	33.5	38.4	43.8	-	43.3
10-12	38.1	38.1	38.9	38.4	43.6	38.9	43.8
14-16	38.6	38.8	43.3	38.3	38.8	38.5	38.3
0-24	38.5	38.3	38.8	38.1	38.0	43.1	38.2

7 Day Ave	39.0

Channel 2 - Westbound **Average Speed** **Week 1**

Hr Ending	18/04/2023 Tuesday	19/04/2023 Wednesday	20/04/2023 Thursday	21/04/2023 Friday	22/04/2023 Saturday	23/04/2023 Sunday	24/04/2023 Monday
1	-	-	-	-	-	-	-
2	-	-	43.0	-	-	-	-
3	-	-	38.0	-	-	-	-
4	-	-	-	-	-	-	-
5	38.0	38.0	35.5	38.0	-	-	33.0
6	32.6	35.5	34.7	38.0	40.5	-	34.2
7	38.4	36.4	36.2	37.5	-	-	35.4
8	32.6	33.6	35.0	34.0	29.2	35.8	32.9
9	33.6	32.5	33.1	33.2	33.5	34.4	33.2
10	33.9	32.8	30.2	32.5	31.6	33.9	31.5
11	31.8	30.3	31.8	30.3	31.6	32.7	30.6
12	31.7	33.6	31.3	32.8	31.6	32.5	30.9
13	31.5	33.0	29.0	31.4	30.7	33.2	33.9
14	31.9	31.7	31.9	32.4	33.2	31.1	31.7
15	31.6	33.5	31.8	34.9	30.1	32.1	33.6
16	31.0	33.0	33.0	32.6	32.5	31.5	30.6
17	32.0	32.7	32.8	34.8	33.7	31.5	31.1
18	33.0	32.0	33.5	32.9	32.5	33.0	32.6
19	34.1	33.6	32.9	32.8	33.0	28.7	34.7
20	33.5	32.1	31.3	34.9	33.0	33.7	33.3
21	32.3	34.5	32.5	29.8	30.5	30.0	32.2
22	27.4	32.5	33.9	34.2	34.5	29.2	34.9
23	31.1	37.2	33.6	33.8	37.6	33.0	-
24	25.5	-	-	38.0	-	-	33.0

10-12	31.7	31.8	31.5	31.7	31.6	32.6	30.7
14-16	31.3	33.2	32.6	33.4	31.2	31.8	32.0
0-24	32.6	33.0	32.4	33.1	32.2	32.5	32.4

7 Day Ave	32.6

85th Percentile

Hr Ending	18/04/2023 Tuesday	19/04/2023 Wednesday	20/04/2023 Thursday	21/04/2023 Friday	22/04/2023 Saturday	23/04/2023 Sunday	24/04/2023 Monday
1	-	-	-	-	-	-	-
2	-	-	43.4	-	-	-	-
3	-	-	38.5	-	-	-	-
4	-	-	-	-	-	-	-
5	38.5	39.0	38.2	38.2	-	-	33.8
6	38.3	43.1	38.6	39.0	48.7	-	38.7
7	43.3	43.0	43.5	43.1	-	-	38.5
8	38.0	38.3	38.7	38.1	33.0	38.4	38.2
9	38.5	38.5	38.9	38.8	38.4	39.0	38.2
10	38.2	38.9	33.4	38.4	38.4	38.5	38.3
11	38.9	38.5	38.3	38.5	38.3	38.5	38.8
12	38.6	43.4	38.3	38.1	39.0	39.0	38.1
13	38.8	38.8	38.2	38.1	33.8	43.2	38.5
14	38.9	38.8	38.5	38.2	38.7	38.4	38.8
15	38.3	38.7	38.2	38.0	33.4	38.4	38.8
16	38.5	38.7	38.6	38.7	38.7	38.3	38.3
17	38.1	39.0	38.4	38.5	38.3	38.5	39.0
18	38.6	38.3	38.9	38.6	38.4	38.1	38.8
19	38.4	38.5	38.5	38.2	38.4	33.5	38.7
20	44.0	38.4	43.2	43.5	38.9	39.0	38.9
21	38.1	43.7	38.7	33.7	33.1	33.6	48.9
22	33.9	38.2	43.7	38.8	38.6	38.9	38.4
23	33.6	43.4	38.6	43.4	53.3	33.7	-
24	25.8	-	-	38.9	-	-	33.1

10-12	38.1	38.5	38.8	38.7	38.1	38.4	39.0
14-16	38.5	38.8	38.2	38.1	38.2	38.7	38.8
0-24	38.2	38.5	38.8	38.6	38.1	38.1	38.7

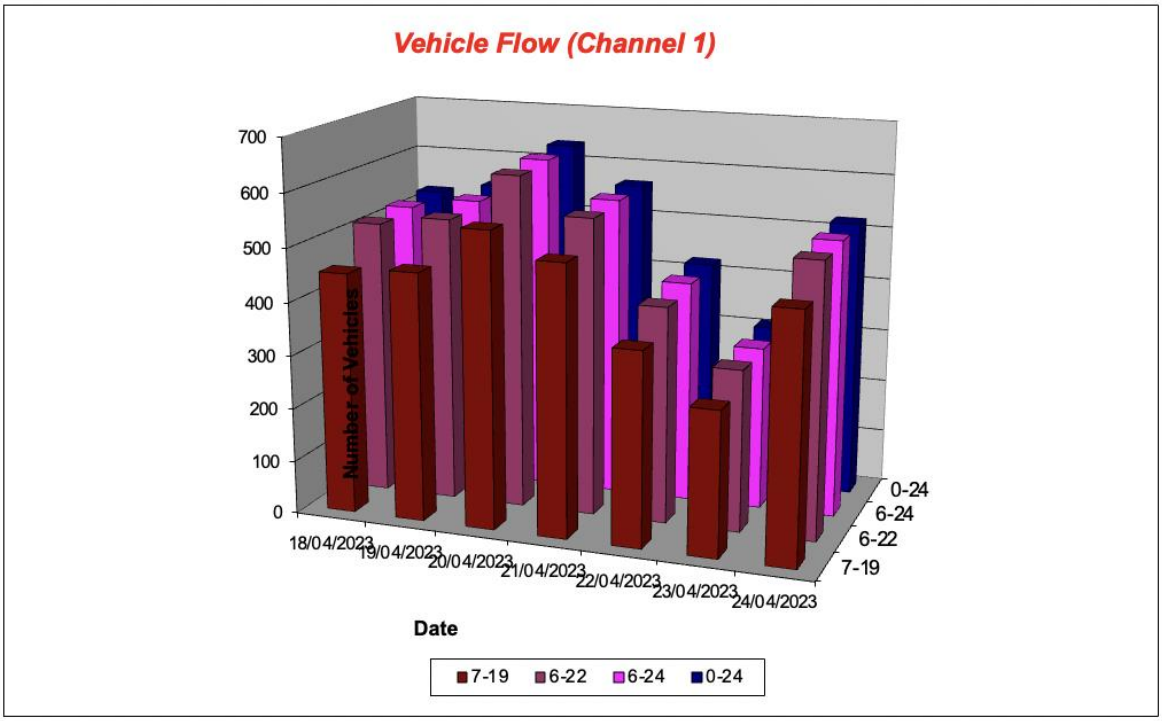
7 Day Ave	38.4

Bromham ATC 2, Church Hill

Produced by Streetwise Services Ltd.

Channel 1 - Eastbound **Vehicle Flow** **Week 1**

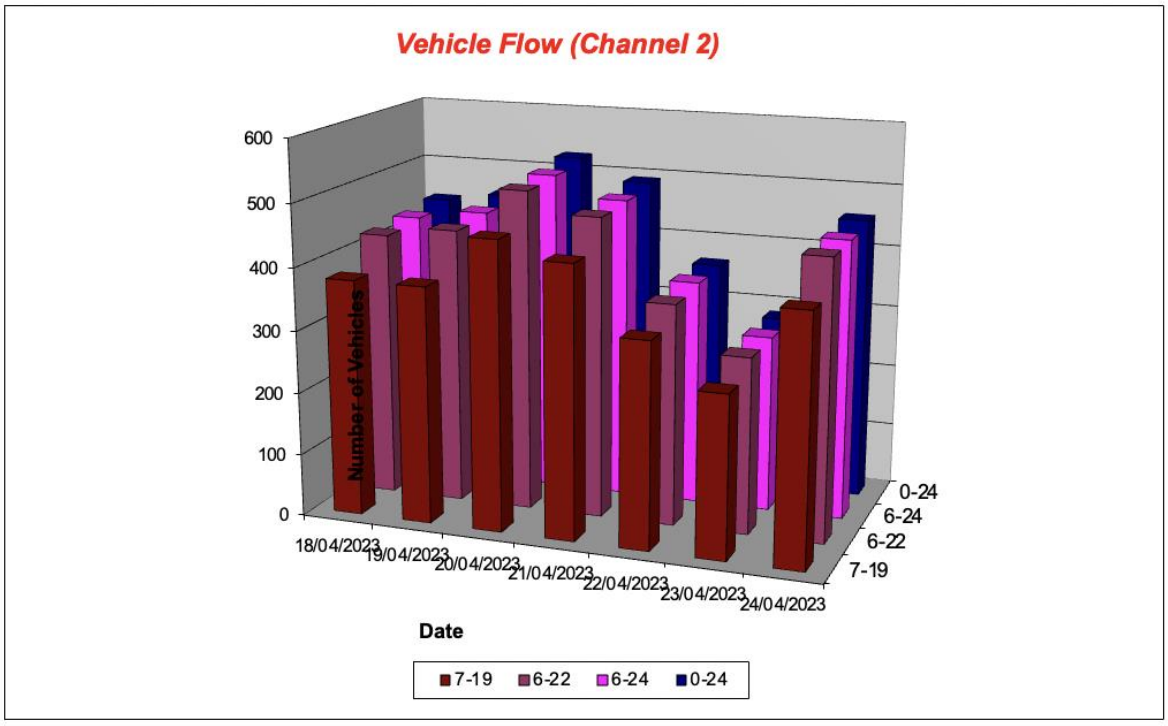
Hr Ending	18/04/2023 Tuesday	19/04/2023 Wednesday	20/04/2023 Thursday	21/04/2023 Friday	22/04/2023 Saturday	23/04/2023 Sunday	24/04/2023 Monday	5 Day Ave	7 Day Ave
1	0	0	0	0	4	3	1	0	1
2	1	1	1	1	0	0	2	1	1
3	0	0	0	0	0	0	0	0	0
4	1	0	0	0	0	0	0	0	0
5	1	1	2	0	0	0	0	1	1
6	2	2	2	1	1	0	0	1	1
7	11	12	10	7	2	0	10	10	7
8	28	27	33	32	6	5	32	30	23
9	49	53	58	58	18	7	52	54	42
10	25	27	42	33	29	11	30	31	28
11	27	40	28	26	32	36	21	28	30
12	27	26	49	41	39	35	30	35	35
13	26	27	33	42	34	32	41	34	34
14	37	38	43	42	39	32	33	39	38
15	38	36	40	40	44	22	42	39	37
16	47	50	67	51	24	28	60	55	47
17	65	58	62	45	38	30	46	55	49
18	50	44	61	46	29	18	46	49	42
19	33	39	36	49	30	14	26	37	32
20	26	28	31	25	23	18	24	27	25
21	14	18	21	12	11	11	11	15	14
22	13	11	10	7	7	4	8	10	9
23	2	6	4	6	9	3	4	4	5
24	4	3	2	1	3	0	2	2	2
7-19	452	465	552	505	362	270	459	487	438
6-22	516	534	624	556	405	303	512	548	493
6-24	522	543	630	563	417	306	518	555	500
0-24	527	547	635	565	422	309	521	559	504



Channel 2 - Westbound **Vehicle Flow** **Week 1**

Hr Ending	18/04/2023 Tuesday	19/04/2023 Wednesday	20/04/2023 Thursday	21/04/2023 Friday	22/04/2023 Saturday	23/04/2023 Sunday	24/04/2023 Monday	5 Day Ave	7 Day Ave
1	0	0	0	0	0	0	0	0	0
2	0	0	1	0	0	0	0	0	0
3	0	0	1	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	2	1	2	1	0	0	1	1	1
6	6	6	5	7	2	0	6	6	5
7	19	17	15	15	0	0	19	17	12
8	23	28	27	24	6	9	29	26	21
9	42	34	55	45	26	17	46	44	38
10	35	39	32	41	34	20	43	38	35
11	22	31	22	30	35	29	29	27	28
12	31	29	34	34	49	43	26	31	35
13	24	28	46	35	31	26	19	30	30
14	25	31	45	32	16	29	32	33	30
15	39	25	27	33	30	20	40	33	31
16	36	32	53	56	28	17	45	44	38
17	39	44	49	39	27	22	33	41	36
18	38	27	38	37	27	20	30	34	31
19	25	31	33	28	19	7	22	28	24
20	13	19	13	12	10	14	19	15	14
21	11	17	16	13	6	5	6	13	11
22	4	10	8	6	10	4	8	7	7
23	4	6	4	3	7	1	0	3	4
24	2	0	0	1	0	0	1	1	1

7-19	379	379	461	434	328	259	394	409	376
6-22	426	442	513	480	354	282	446	461	420
6-24	432	448	517	484	361	283	447	466	425
0-24	440	455	526	492	363	283	454	473	430



Bromham ATC 2, Church Hill

Produced by Streetwise Services Ltd.

Channel 1 - Eastbound **Average Speed** **Week 1**

Hr Ending	18/04/2023 Tuesday	19/04/2023 Wednesday	20/04/2023 Thursday	21/04/2023 Friday	22/04/2023 Saturday	23/04/2023 Sunday	24/04/2023 Monday
1	-	-	-	-	30.5	32.2	15.5
2	25.5	25.5	15.5	15.5	-	-	29.2
3	-	-	-	-	-	-	-
4	48.0	-	-	-	-	-	-
5	25.5	43.0	36.8	-	-	-	-
6	40.5	43.0	43.0	43.0	38.0	-	-
7	33.6	35.1	31.2	33.7	26.8	-	37.2
8	34.2	35.4	34.2	37.8	30.9	36.5	34.6
9	35.2	37.5	35.9	37.3	35.8	36.9	38.8
10	36.0	32.1	34.8	33.1	35.6	36.4	34.2
11	33.5	33.5	35.2	38.4	37.8	36.1	34.9
12	33.5	34.7	34.3	37.2	36.1	34.6	35.0
13	34.2	32.2	34.9	36.0	32.3	35.5	36.4
14	34.6	33.1	35.3	38.0	34.9	35.9	34.7
15	34.2	34.7	35.5	35.1	32.8	37.8	35.3
16	33.9	37.4	37.4	36.5	31.9	36.0	35.6
17	33.6	35.9	36.2	36.7	33.1	30.0	34.5
18	33.9	34.4	36.2	38.5	37.0	33.1	32.2
19	34.3	35.4	36.8	32.9	34.5	34.2	37.9
20	36.8	33.7	35.7	35.7	39.6	36.9	37.3
21	36.4	33.6	35.7	37.0	37.3	40.3	40.5
22	33.2	34.8	35.5	35.9	36.9	40.5	37.1
23	33.0	39.7	43.0	41.3	35.5	37.2	39.2
24	41.1	26.3	35.5	38.0	36.3	-	43.0
10-12	33.5	34.0	34.7	37.7	36.9	35.4	35.0
14-16	34.0	36.2	36.7	35.9	32.4	36.8	35.5
0-24	34.4	34.9	35.7	36.4	34.9	35.4	35.6

7 Day Ave	35.3

85th Percentile

Hr Ending	18/04/2023 Tuesday	19/04/2023 Wednesday	20/04/2023 Thursday	21/04/2023 Friday	22/04/2023 Saturday	23/04/2023 Sunday	24/04/2023 Monday
1	-	-	-	-	38.2	38.2	16.3
2	26.2	25.8	15.5	15.9	-	-	33.4
3	-	-	-	-	-	-	-
4	48.5	-	-	-	-	-	-
5	26.1	43.6	48.3	-	-	-	-
6	43.3	48.6	43.4	43.3	39.0	-	-
7	48.3	43.3	38.3	43.9	38.1	-	43.5
8	43.8	48.3	43.9	43.6	38.4	43.1	43.5
9	43.0	43.8	44.0	43.6	43.4	38.1	43.2
10	43.8	38.8	43.4	43.4	43.5	43.3	38.3
11	38.8	38.6	43.3	43.1	43.2	43.1	38.1
12	38.7	44.0	43.2	43.6	43.5	43.0	43.6
13	38.0	38.9	43.2	43.7	38.3	43.5	43.2
14	43.4	38.2	43.6	43.9	43.6	43.7	43.9
15	43.9	43.7	43.4	43.8	38.5	43.5	43.1
16	43.8	44.0	43.4	43.0	38.2	43.8	43.4
17	38.4	43.2	43.7	43.5	38.9	38.1	43.3
18	44.0	43.5	43.3	43.9	43.7	38.2	38.9
19	38.9	43.1	43.6	43.4	43.5	43.7	48.8
20	43.1	44.0	43.2	43.7	48.4	43.5	43.3
21	53.9	43.7	43.2	53.5	43.1	48.4	43.7
22	43.4	43.0	43.6	48.5	48.8	48.1	43.3
23	33.5	43.6	53.1	48.5	38.5	53.7	48.1
24	53.8	38.1	38.5	38.4	43.8	-	43.0
10-12	38.1	43.1	43.9	43.4	43.6	43.9	43.3
14-16	43.6	43.8	43.3	43.3	38.8	43.5	43.8
0-24	43.5	43.3	43.8	43.1	43.0	43.1	43.3

7 Day Ave	43.3

Channel 2 - Westbound **Average Speed** **Week 1**

Hr Ending	18/04/2023 Tuesday	19/04/2023 Wednesday	20/04/2023 Thursday	21/04/2023 Friday	22/04/2023 Saturday	23/04/2023 Sunday	24/04/2023 Monday
1	-	-	-	-	-	-	-
2	-	-	48.0	-	-	-	-
3	-	-	38.0	-	-	-	-
4	-	-	-	-	-	-	-
5	38.0	38.0	38.0	38.0	-	-	38.0
6	35.5	34.2	33.5	36.9	43.0	-	33.0
7	39.1	35.6	37.2	39.8	-	-	36.3
8	33.9	35.1	34.2	34.7	34.7	34.1	35.2
9	34.1	31.6	33.8	35.7	35.1	34.0	35.7
10	33.7	32.8	32.8	34.2	31.7	34.9	32.4
11	32.7	32.4	32.7	32.3	33.4	33.3	31.4
12	31.3	31.5	33.6	33.7	33.6	34.4	32.0
13	31.8	31.1	30.1	31.3	30.1	36.2	33.7
14	32.5	34.9	33.5	33.9	31.9	32.7	31.1
15	31.3	33.4	30.7	34.7	30.3	31.4	35.4
16	29.9	34.2	34.3	34.0	32.6	30.9	32.7
17	32.9	33.1	34.6	34.6	31.1	30.4	31.7
18	33.3	33.7	34.3	34.2	30.8	32.0	32.3
19	32.3	34.4	34.0	30.5	32.2	34.8	36.6
20	33.4	34.4	34.3	37.0	31.8	31.2	34.7
21	31.6	35.8	34.9	27.8	32.2	32.5	33.4
22	26.1	31.8	36.1	33.8	33.2	33.6	32.7
23	36.1	34.2	27.4	35.5	36.6	38.0	-
24	29.2	-	-	38.0	-	-	38.0

10-12	31.9	32.0	33.2	33.1	33.5	33.9	31.7
14-16	30.7	33.8	33.1	34.2	31.4	31.2	33.9
0-24	32.8	33.4	33.5	33.9	32.4	33.2	33.5

7 Day Ave	33.2

85th Percentile

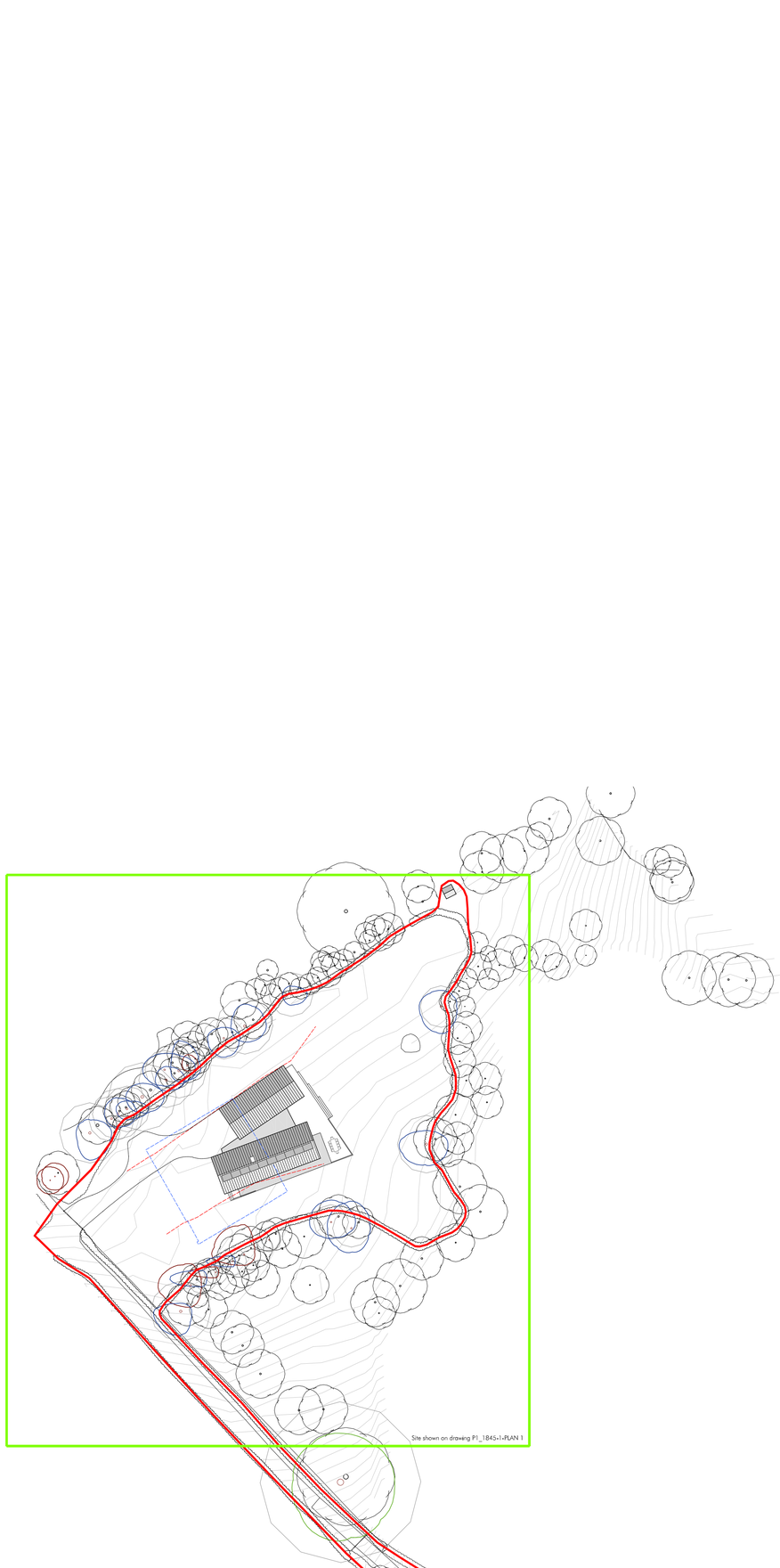
Hr Ending	18/04/2023 Tuesday	19/04/2023 Wednesday	20/04/2023 Thursday	21/04/2023 Friday	22/04/2023 Saturday	23/04/2023 Sunday	24/04/2023 Monday
1	-	-	-	-	-	-	-
2	-	-	48.5	-	-	-	-
3	-	-	38.4	-	-	-	-
4	-	-	-	-	-	-	-
5	38.2	38.2	43.5	38.8	-	-	38.1
6	43.5	44.0	38.2	53.2	48.6	-	43.8
7	48.3	43.1	43.6	49.0	-	-	38.7
8	38.3	43.0	38.5	43.1	38.7	38.1	38.5
9	38.0	38.3	38.7	38.1	43.0	38.4	43.2
10	38.5	38.5	38.9	38.8	38.4	39.0	43.2
11	43.2	38.9	38.4	38.4	38.4	38.5	38.3
12	38.9	38.5	38.3	43.5	43.3	38.5	38.8
13	38.6	38.4	38.3	38.1	39.0	44.0	38.1
14	38.8	38.8	38.2	43.1	38.8	38.2	43.5
15	38.9	38.8	38.5	43.2	33.7	38.4	38.8
16	38.3	38.7	38.2	38.0	38.4	38.4	38.8
17	38.5	38.7	43.6	38.7	38.7	38.3	43.3
18	43.1	44.0	43.4	43.5	43.3	38.5	39.0
19	38.6	43.3	38.9	38.6	38.4	38.1	43.8
20	43.4	38.5	43.5	43.2	38.4	38.5	43.7
21	39.0	43.4	43.2	33.5	38.9	44.0	58.9
22	38.1	38.7	43.7	43.7	38.1	38.6	38.9
23	43.9	48.2	43.7	48.8	53.6	38.9	-
24	33.6	-	-	38.4	-	-	38.4

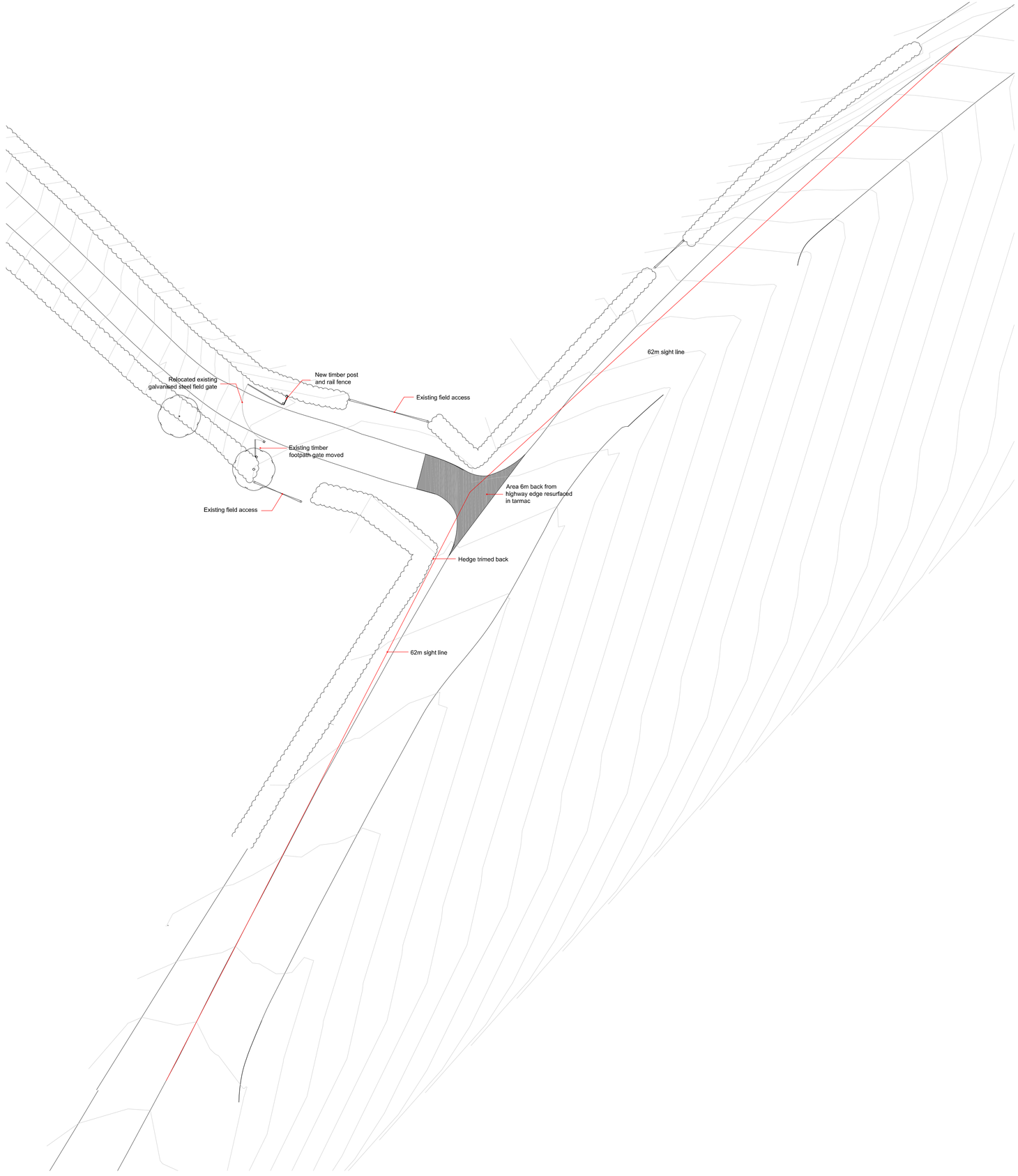
10-12	38.3	38.4	38.6	38.9	43.3	38.7	38.1
14-16	38.1	38.5	38.8	38.7	38.1	38.4	39.0
0-24	38.5	38.8	38.2	38.1	38.2	38.7	38.8

7 Day Ave	38.5

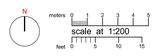
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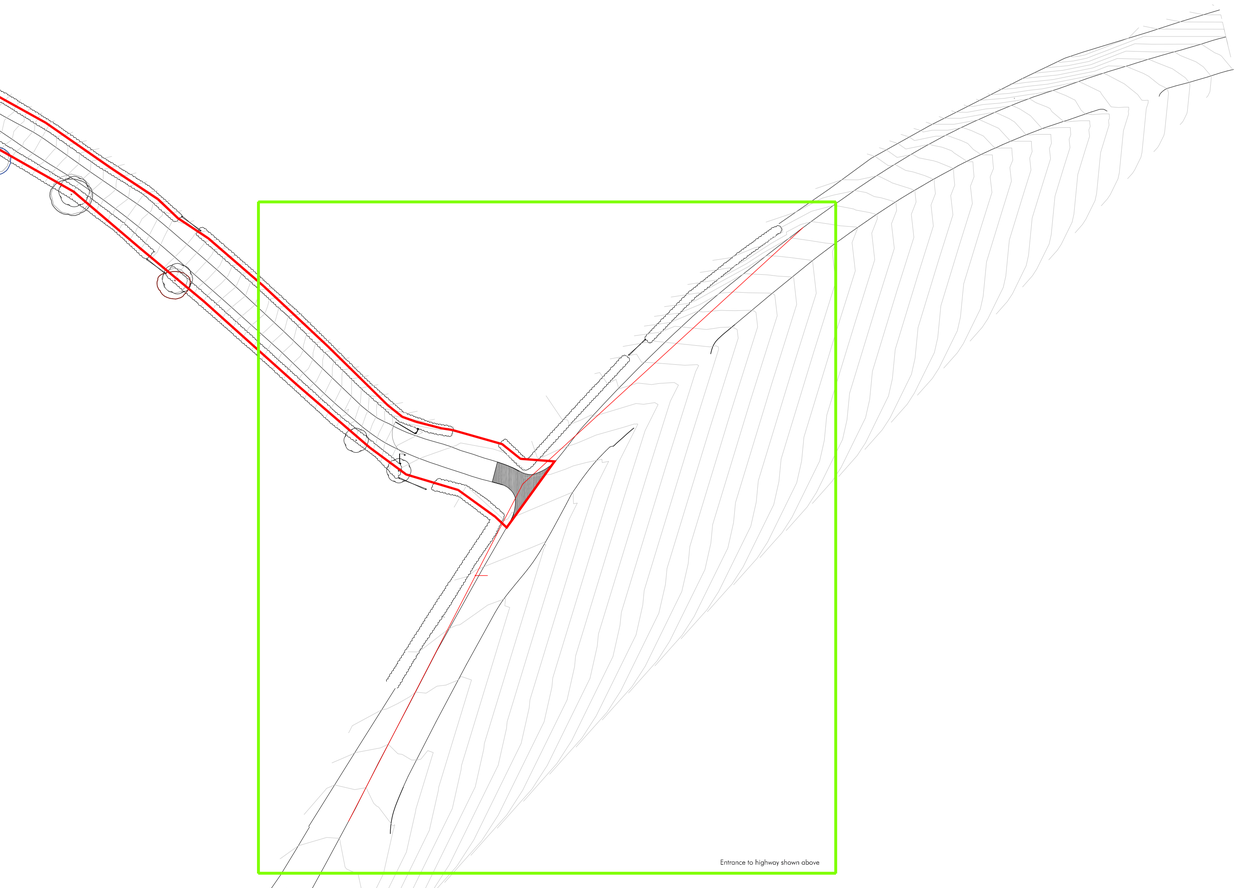
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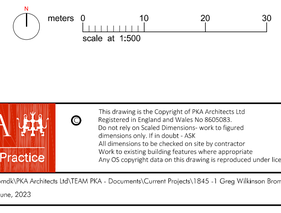




1:200 Entrance to highway Plan







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