

1.0 INTRODUCTION

- 1.1 This Access Note has been prepared by David Tucker Associates on behalf of Baume & Co to review the proposals for the creation of five new dwellings at Curates Cottage, Hatfield, Herefordshire.
- 1.2 This note will focus on the highway safety aspect of the development, specifically vehicular tracking and access visibility.
- 1.3 Accident data for the local road network has been reviewed on Crashmap and this confirms there have been no personal injury accidents within 4km of the site in the last 5 years.

2.0 TRAFFIC COUNTS

- 2.1 At the request of the council, an automatic traffic count (ATC) was undertaken between 20/05/2021 and 26/05/2021 on the unnamed road on the site frontage. The results are attached as **Appendix B** and summarised in **Table 1** below.

Table 1 – ATC Results – Unamed Road

	Average Speed 85%	Average Mean Speed
Northbound	34.3 mph	26.6 mph
Southbound	34.9 mph	27.1 mph

- 2.2 Speeds are well below the signed 60mph limit given the rural nature and alignment of the road along the site frontage.
- 2.3 Manual for Streets visibility splay (adopting DMRB parameters) would be most suitable in this location given the rural nature of the area. Visibility splays would equate to 72.2m northbound and 74.3m southbound in the 'y' distance with a 'x' distance setback of 2.4m from the access.

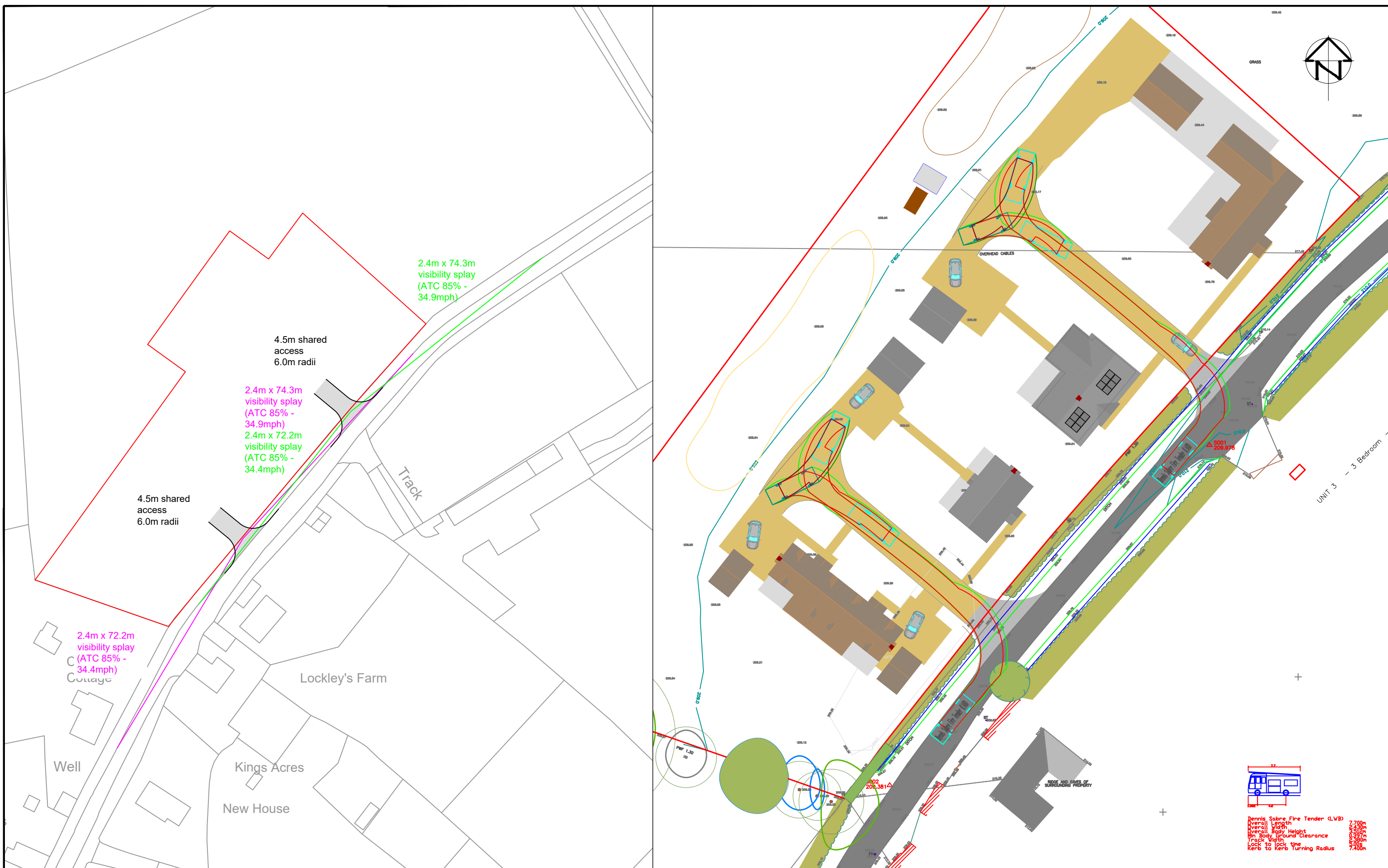
3.0 ACCESS

- 3.1 Using the Herefordshire design guide, two shared private drives are proposed at 4.5m in width with 6.0m radii.
- 3.2 **DTA drawing 23221-02** shows the proposed location of both accesses and the required visibility splays, of 72.2m & 74.3m respectively which are achievable within highway-controlled land.
- 3.3 Vehicle tracking for a Dennis Sabre Fire Tender is also shown on the same drawing which demonstrates that the vehicle can enter and exit the site in a forward gear.

4.0 SUMMARY

- 4.1 This Access Note has been prepared by David Tucker Associates on behalf of Baume & Co to review the creation of five new dwellings at Curates Cottage, Hatfield, Herefordshire.
- 4.2 Visibility splays from proposed access points based upon the ATC speeds are achievable in both directions.
- 4.3 From the above analysis it is concluded that there are no safety, layout or capacity reasons that would prevent the development in terms of highways.

Drawings



Based upon the ORDINANCE SURVEY MAPS with the permission of
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JOB TITLE		CLIENT	
Curates Cottage		Baume & Co	
DRAWING TITLE			
Proposed Site Access Plan & Vehicle Tracking			
SCALE	DRAWN BY	DATE	DRAWING No
1/1000@A3	BP	Dec21	23221-02
			REVISION
			a

Appendix A

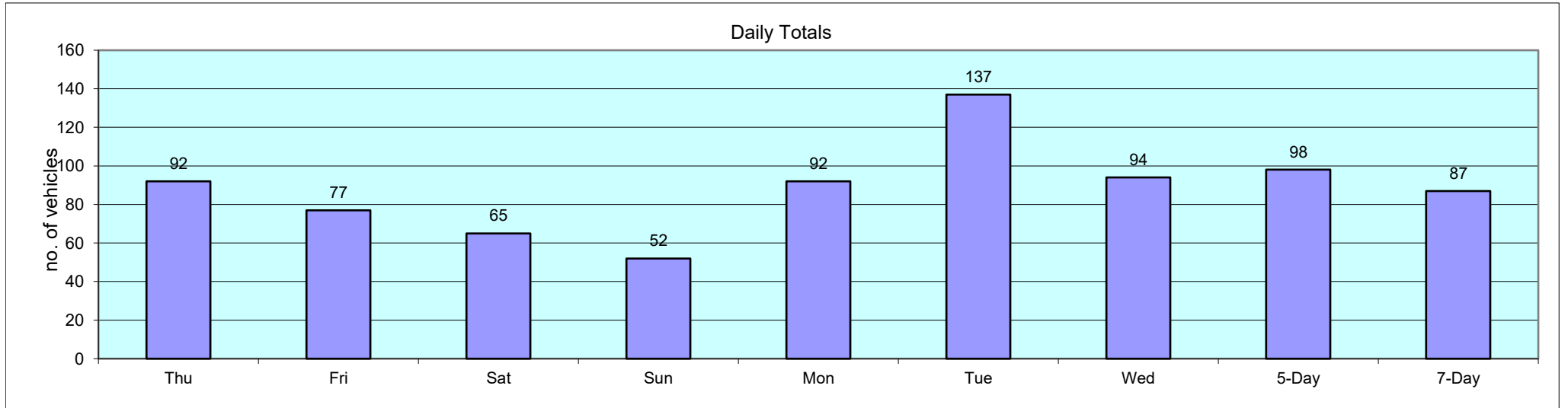
Appendix B

10489		HATFIELD								
		MAY 2021								
Site	Location	Direction	Start Date	End Date	Posted Speed Limit (PSL)	Total Vehicles	5 Day Ave.	7 Day Ave.	Average 85%ile	Average Mean Speed
Site No: 10489001	Un-named Rd at Hatfield, Herefordshire 52.234586 -2.592519	Channel: Northbound	Thu 20-May-21	Wed 26-May-21	NSL	606	96	87	34.3	26.6
		Channel: Southbound	Thu 20-May-21	Wed 26-May-21		609	98	87	34.9	27.1

10489	HATFIELD			Site No: 10489001	Location	Un-named Rd at Hatfield, Herefordshire			
	Channel: Northbound								
	Thu	Fri	Sat	Sun	Mon	Tue	Wed	5-Day	7-Day
TIME PERIOD	20/05/2021	21/05/2021	22/05/2021	23/05/2021	24/05/2021	25/05/2021	26/05/2021	Av	Av
Week Begin: 20-May-21									
00:00	0	0	0	1	1	0	0	0	0
01:00	0	0	0	1	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0
06:00	1	1	0	1	1	0	1	1	1
07:00	2	3	1	3	3	4	4	3	3
08:00	7	8	5	3	11	14	11	10	8
09:00	9	10	7	4	10	8	8	9	8
10:00	9	4	14	7	3	8	5	6	7
11:00	2	3	7	8	3	13	8	6	6
12:00	9	8	4	3	7	11	4	8	7
13:00	8	5	7	4	8	7	8	7	7
14:00	6	4	4	3	8	5	7	6	5
15:00	9	6	5	3	3	8	11	7	6
16:00	8	11	7	3	12	8	8	9	8
17:00	7	4	1	2	9	13	6	8	6
18:00	3	5	2	6	1	17	3	6	5
19:00	5	2	1	2	14	3	8	6	5
20:00	1	3	1	2	1	1	0	1	1
21:00	1	1	0	0	0	2	2	1	1
22:00	0	0	1	1	0	1	3	1	1
23:00	0	1	0	0	0	1	0	0	0
12H,7-19	79	71	64	49	78	116	83	85	77
16H,6-22	87	78	66	54	94	122	94	95	85
18H,6-24	87	79	67	55	94	124	97	96	86
24H,0-24	87	79	67	57	95	124	97	96	87
Am	10:00	09:00	10:00	11:00	08:00	08:00	08:00		
Peak	9	10	14	8	11	14	11		
Pm	15:00	16:00	16:00	18:00	19:00	18:00	15:00		
Peak	9	11	7	6	14	17	11		

10489	HATFIELD				Site No: 10489001	Location	Un-named Rd at Hatfield, Herefordshire		
Channel: Southbound									
	Thu	Fri	Sat	Sun	Mon	Tue	Wed	5-Day	7-Day
TIME PERIOD	20/05/2021	21/05/2021	22/05/2021	23/05/2021	24/05/2021	25/05/2021	26/05/2021	Av	Av
Week Begin: 20-May-21									
00:00	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	1	0	0
06:00	0	0	0	0	0	1	0	0	0
07:00	7	5	0	0	7	6	6	6	4
08:00	10	6	2	1	10	15	4	9	7
09:00	3	3	8	6	8	11	6	6	6
10:00	5	6	7	5	5	7	6	6	6
11:00	3	6	9	4	1	17	4	6	6
12:00	5	7	12	4	9	5	7	7	7
13:00	10	8	6	5	7	8	13	9	8
14:00	8	2	1	5	4	6	7	5	5
15:00	10	8	0	6	5	6	4	7	6
16:00	12	9	6	4	9	8	14	10	9
17:00	6	4	2	5	6	19	3	8	6
18:00	4	3	6	2	3	15	13	8	7
19:00	3	5	2	3	16	4	3	6	5
20:00	2	3	3	0	1	7	1	3	2
21:00	2	2	0	1	1	2	2	2	1
22:00	1	0	1	1	0	0	0	0	0
23:00	1	0	0	0	0	0	0	0	0
12H,7-19	83	67	59	47	74	123	87	87	77
16H,6-22	90	77	64	51	92	137	93	98	86
18H,6-24	92	77	65	52	92	137	93	98	87
24H,0-24	92	77	65	52	92	137	94	98	87
Am	08:00	11:00	11:00	09:00	08:00	11:00	10:00		
Peak	10	6	9	6	10	17	6		
Pm	16:00	16:00	12:00	15:00	19:00	17:00	16:00		
Peak	12	9	12	6	16	19	14		

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