

Appendix C

Collision Data

Job No	Report No	Issue no	Report Name	Page
STH2507	1	3	Barncroft Infant School Disposal	C1

Purbrook Way and Barncroft Way

080016021 SLIGHT 470492/107659 12/01/2008 17:10
LOCATION PURBROOK WAY AT JUNCTION WITH PARK LANE, HAVANT, HAMPSHIRE
DESCRIPTION VEH 1 (CAR), TRAVELLING NORTH ALONG PARK LANE, SLOWED FOR A PEDESTRIAN WHO RAN ACROSS THE ROUNDABOUT FROM THE OFFSIDE WITHOUT LOOKING. THE PEDESTRIAN CONTINUED ACROSS, AND RAN INTO THE OFFSIDE OF VEH 1.

VEHICLES	DRIVER	CASUALTIES	VEH	SEX	AGE
1 Car	Female	35 1 Pedestrian	SLIGHT	1 Male	12

080084553 SLIGHT 470497/107706 25/02/2008 15:32
LOCATION MIDDLE PARK WAY AT JUNCTION WITH PARK LANE, HAVANT, HAMPSHIRE
DESCRIPTION VEHICLE 1 (CAR) TRAVELLING SOUTH ALONG MIDDLE PARK ROAD, STATIONARY WAITING TO ENTER RBT WITH PARK ROAD. VEHICLE 2 (VAN) BEHIND FAILS TO SLOW INTIME AND COLLIDES INTO REAR OF VEH 1.

VEHICLES	DRIVER	CASUALTIES	VEH	SEX	AGE
1 Car	Female	38 1 Driver/Rider	SLIGHT	1 Female	38
2 Goods < 3.5t	Male	-1			

090356457 SLIGHT 470529/107679 10/08/2009 22:00
LOCATION PURBROOK WAY AT JUNCTION WITH PARK LANE, HAVANT, HAMPSHIRE
DESCRIPTION BOTH VEHS TRAVELLING WEST ALONG PURBROOK WAY. VEH 2 (CAR) FAILED TO BRAKE IN TIME AND COLLIDED WITH REAR OF VEH 1 (CAR) WHICH WAS STATIONARY AT ROUNDABOUT.

VEHICLES	DRIVER	CASUALTIES	VEH	SEX	AGE
1 Car	Female	30 1 Driver/Rider	SLIGHT	1 Female	30
2 Car	Male	19			

070482942 SLIGHT 470540/107681 19/10/2007 07:55
LOCATION PURBROOK WAY AT JUNCTION WITH PARK LANE, HAVANT, HAMPSHIRE
DESCRIPTION VEH1 (AMBULANCE) WAS ON CALL TRAVELLING WEST ALONG PURBROOK WAY. VEH2 (CAR) WAS TRAVELLING WEST ALONG PURBROOK WAY IN FRONT OF VEH1. VEH2 MOVED OVER TO NEARSIDE, THEN PULLED BACK OUT AND BRAKED HARD. VEH1 FAILED TO STOP IN TIME AND COLLIDED WITH REAR OF VEH2.

VEHICLES	DRIVER	CASUALTIES	VEH	SEX	AGE
1 Other M.veh	Male	28 1 Driver/Rider	SLIGHT	2 Female	26
2 Car	Female	26			

100056605 SLIGHT 470621/107673 10/02/2010 18:50
LOCATION PURBROOK WAY OUTSIDE NUMBER 245, HAVANT, HAMPSHIRE
DESCRIPTION CAS 1 (PEDESTRIAN) TRAVELLED N ACROSS PURBROOK WAY IN FRONT OF STATIONARY BUS. CAS 1 SLIPPED OVER KICKING VEH 1 (CAR) TRAVELLING W ALONG PURBROOK WAY.

VEHICLES	DRIVER	CASUALTIES	VEH	SEX	AGE
1 Car	Female	29 1 Pedestrian	SLIGHT	1 Male	16

070473774 SLIGHT 470674/107671 13/10/2007 14:05
LOCATION PURBROOK WAY AT JUNCTION WITH BARNCROFT WAY, HAVANT, HAMPSHIRE
DESCRIPTION VEH 1 (M/CYCLE) TRAVELLING NORTH ALONG BARNCROFT WAY, APPROACHES JUNCTION WITH PURBROOK WAY & WAITS TO TURN LEFT. VEH 2 (CAR) FAILED TO STOP INTIME AND COLLIDED INTO REAR OF VEH 1 KNOCKING RIDER OFF MACHINE. DRIVER VEH 2 TURNED LEFT INTO PURBROOK WAY, STOPPED, GOT OUT OF VEH LOOKED AT RIDER THEN GOT BACK INTO VEH & DROVE OFF.

VEHICLES	DRIVER	CASUALTIES	VEH	SEX	AGE
1 M/cycle 50 - 125cc	Female	59 1 Driver/Rider	SLIGHT	1 Female	59
2 Car	Male	40			

Purbrook Way and Barncroft Way

090137411 SERIOUS 470824/107459 30/03/2009 17:40
LOCATION BARNCROFT WAY OUTSIDE NO. 39 HAVANT
DESCRIPTION CAR1 TRAV SOUTHEAST BARNCROFT RD INDICATED AND STOPPED AT SIDE OF ROAD M/C2
 DROVE INTO REAR OFFSIDE OF CAR1 WAS THROWN FROM BIKE

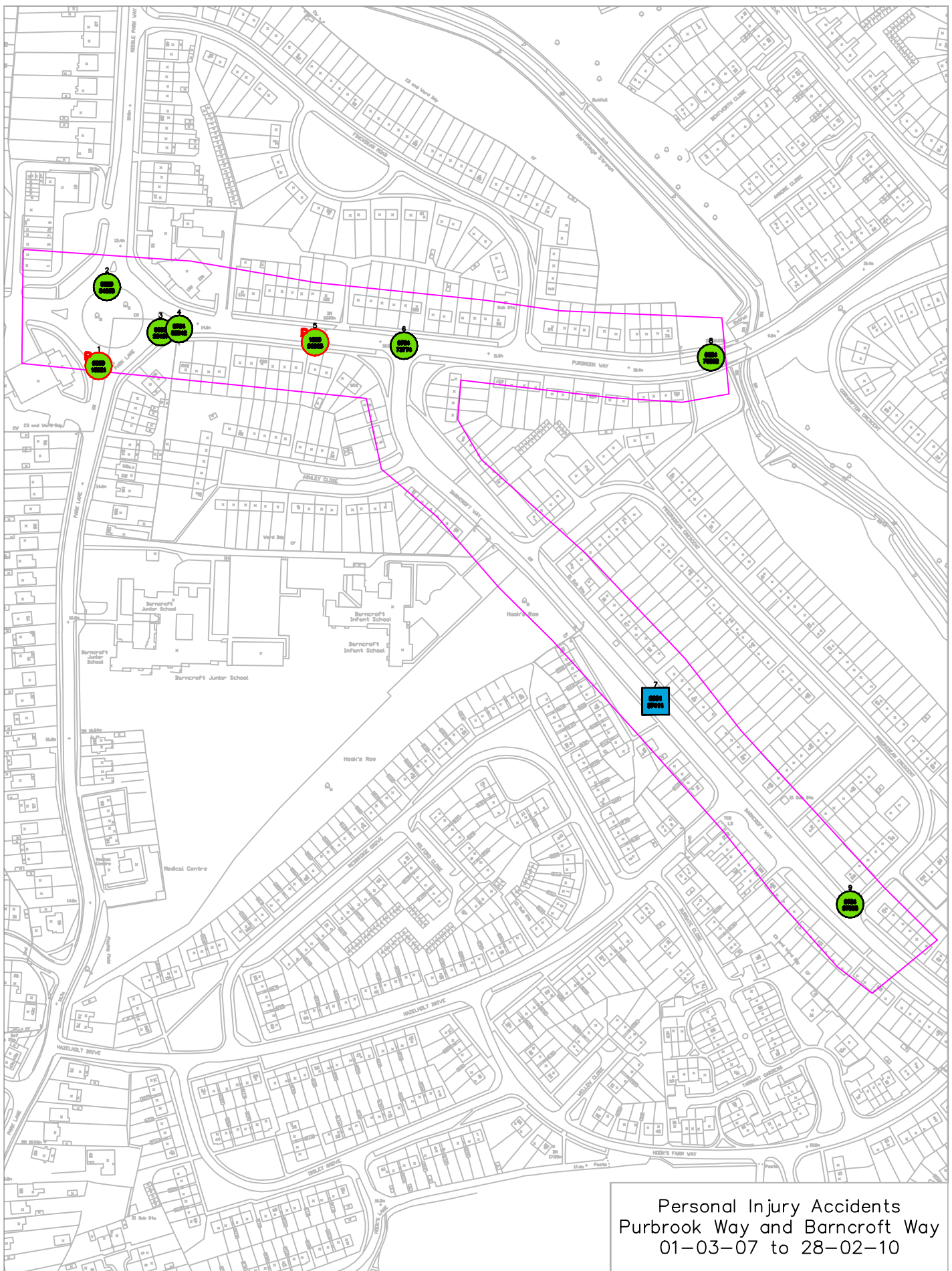
VEHICLES	DRIVER	CASUALTIES	VEH	SEX	AGE
1 Car	Female	37 1 Driver/Rider	SERIOUS	2 Male	16
2 M/cycle <= 50cc	Male	16			

080470802 SLIGHT 470857/107664 22/10/2008 15:30
LOCATION PURBROOK WAY NR ZEBRA XING SW OF BOTLEY DR LEIGH PARK
DESCRIPTION CAR TRAV EAST COLLIDED WITH CHILD P/C ENTERING C/WAY FROM N/S RIDER FAILED TO
 LOOK

VEHICLES	DRIVER	CASUALTIES	VEH	SEX	AGE
1 Car	Male	71 1 Driver/Rider	SLIGHT	2 Male	13
2 Pedal Cycle	Male	13			

070497036 SLIGHT 470940/107338 27/10/2007 19:39
LOCATION BARNCROFT WAY J/W PRIORSDEAN CRESCENT HAVANT
DESCRIPTION P/C1 TRAV NORTHWEST BARNCROFT WAY ON PAVEMENT CROSSES PRIORSDEAN CRESCENT
 MOUNTING PAVEMENT ON NW SIDE REAR WHEEL STILL IN C/WAY CLIPPED BY PASSING
 CAR2 TRAV NORTHWEST BARNCROFT WAY TURNING RIGHT INTO PRIORSDEAN CRESCENT

VEHICLES	DRIVER	CASUALTIES	VEH	SEX	AGE
1 Pedal Cycle	Male	15 1 Driver/Rider	SLIGHT	1 Male	15
2 Car	Not traced	Unkr			



Personal Injury Accidents
Purbrooke Way and Barncroft Way
01-03-07 to 28-02-10



Hampshire
County Council

STUART JARVIS BSc DipTP FCIHT MRTPI, DIRECTOR OF ENVIRONMENT,
THE CASTLE, WINCHESTER.



Certificate No. PS 21046



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"HAMPSHIRE COUNTY COUNCIL, 100019180".

Appendix D

ATC Data

Job No	Report No	Issue no	Report Name	Page
STH2507	1	3	Barncroft Infant School Disposal	D1



Site No: 70078287

Grid Reference: 470472 107431

Park Lane North of Jessie Road

Vehicle Count Summary

From 25/06/2008 To 04/07/20 Channel: Northbound

Time Begin	Mon	Tue	Wed	Thu	Fri	Sat	Sun	5-Day Av	7-Day Av
00:00	12	12	5	5	4	28	28	8	13
01:00	3	4	1	3	4	10	21	3	7
02:00	1	5	3	2	2	4	5	3	3
03:00	2	4	4	4	2	4	8	3	4
04:00	10	8	9	8	8	5	7	9	8
05:00	36	21	29	28	19	15	6	27	22
06:00	102	104	96	93	98	52	24	99	81
07:00	192	205	222	218	205	82	41	208	166
08:00	264	297	250	278	275	115	64	273	220
09:00	186	195	165	212	184	189	97	188	175
10:00	148	161	157	171	174	231	139	162	169
11:00	184	180	173	164	182	244	186	177	188
12:00	198	189	186	169	215	246	174	191	197
13:00	175	171	206	171	184	198	212	181	188
14:00	185	215	178	197	240	187	162	203	195
15:00	224	227	210	207	248	161	120	223	200
16:00	231	245	236	214	243	163	152	234	212
17:00	254	279	284	283	234	168	146	267	235
18:00	169	195	206	216	237	171	152	205	192
19:00	138	149	137	160	151	130	116	147	140
20:00	110	101	107	96	108	90	79	104	99
21:00	78	85	92	65	73	66	49	79	73
22:00	39	40	41	43	49	42	43	42	42
23:00	25	22	25	25	55	35	24	30	30

12H,7-19	2410	2559	2470	2501	2621	2155	1645	2512	2337
16H,6-22	2838	2998	2903	2916	3051	2493	1913	2941	2730
18H,6-24	2902	3060	2970	2984	3155	2570	1980	3014	2803
24H,0-24	2966	3114	3021	3035	3194	2636	2055	3066	2860

Am	08:00	08:00	08:00	08:15	08:00	11:00	11:00 -	-	
Peak	264	297	250	287	275	244	186	275	258

Pm	16:30	17:00	16:30	16:45	14:30	12:00	13:15 -	-	
Peak	255	279	289	290	283	246	220	279	266

Collated from 15 minute

Created at 13:14:57 on 13 Nov 2009

Site No: 70078287

Grid Reference: 470472 107431

Park Lane North of Jessie Road

Vehicle Count Summary

From 25/06/2008 To 04/07/20 Channel: Southbound

Time Begin	Mon	Tue	Wed	Thu	Fri	Sat	Sun	5-Day Av	7-Day Av
00:00	13	13	10	11	8	30	40	11	18
01:00	4	7	4	4	6	12	20	5	8
02:00	4	2	3	7	1	8	21	3	7
03:00	6	1	4	5	2	8	19	4	6
04:00	7	3	8	3	4	9	6	5	6

05:00	23	15	18	16	26	7	9	20	16
06:00	54	56	69	60	62	36	14	60	50
07:00	124	115	116	127	117	47	45	120	99
08:00	173	194	189	200	195	105	69	190	161
09:00	169	168	180	161	150	143	88	166	151
10:00	123	137	144	153	155	187	119	142	145
11:00	182	143	160	179	176	201	175	168	174
12:00	161	148	172	167	188	209	178	167	175
13:00	163	165	134	161	195	193	177	164	170
14:00	168	168	162	159	203	203	178	172	177
15:00	203	211	206	221	244	203	152	217	206
16:00	209	244	228	230	252	170	159	233	213
17:00	250	285	287	298	299	217	153	284	256
18:00	211	230	216	195	231	163	170	217	202
19:00	143	144	172	167	185	132	122	162	152
20:00	105	122	111	128	102	108	83	114	108
21:00	83	85	88	83	87	82	68	85	82
22:00	53	71	72	75	78	69	51	70	67
23:00	27	24	31	43	60	42	23	37	36

12H,7-19	2136	2208	2192	2250	2405	2041	1663	2238	2128
16H,6-22	2521	2615	2632	2688	2841	2399	1950	2659	2521
18H,6-24	2601	2710	2736	2806	2979	2510	2024	2766	2624
24H,0-24	2658	2751	2783	2854	3026	2584	2139	2814	2685

Am	11:00	08:30	08:45	08:00	08:15	10:30	11:00 -	-	
Peak	182	211	200	200	195	212	175	198	196
Pm	17:15	17:00	17:15	16:45	17:00	17:00	12:15 -	-	
Peak	262	285	292	300	299	217	188	288	263
Collated from 15 minute									

Created at 13:14:57 on 13 Nov 2009

Site No: 70078288

Grid Reference: 470764 107524

Barncroft Way South of Ashley Close

Vehicle Count Summary From 25/06/2008 To 04/07/2009 Channel: Southbound

Time Begin	Mon	Tue	Wed	Thu	Fri	Sat	Sun	5-Day Av	7-Day Av
00:00	14	14	17	9	17	40	38	14	21
01:00	1	6	4	5	8	18	17	5	8
02:00	2	5	5	8	5	12	10	5	7
03:00	3	7	3	1	3	5	9	3	4
04:00	8	7	7	10	8	13	7	8	9
05:00	41	42	33	30	32	23	5	36	29
06:00	109	112	112	100	107	48	26	108	88
07:00	228	232	238	248	221	76	41	233	183
08:00	369	334	370	363	373	134	60	362	286
09:00	253	267	236	268	254	226	124	256	233
10:00	209	221	206	200	189	225	160	205	201
11:00	208	226	199	215	231	270	155	216	215
12:00	214	201	217	218	220	226	223	214	217
13:00	207	213	204	187	242	233	195	211	212
14:00	247	222	236	248	261	196	173	243	226
15:00	242	256	245	263	284	211	166	258	238
16:00	233	242	248	206	237	194	156	233	217
17:00	223	214	222	251	244	193	146	231	213
18:00	220	213	207	248	263	193	134	230	211
19:00	178	179	197	197	187	198	122	188	180
20:00	108	136	126	147	141	131	88	132	125
21:00	109	96	111	95	83	103	73	99	96
22:00	64	63	66	83	88	116	36	73	74
23:00	31	37	37	41	75	60	32	44	45

12H,7-19	2853	2841	2826	2913	3019	2377	1733	2890	2652
16H,6-22	3357	3364	3373	3453	3537	2857	2042	3417	3140
18H,6-24	3452	3464	3478	3577	3700	3033	2110	3534	3259
24H,0-24	3521	3545	3547	3643	3773	3144	2196	3606	3338

Am	08:00	08:15	08:15	08:15	08:15	11:00	10:30	-	-
Peak	369	343	370	379	394	270	166	371	327

Pm	14:45	15:00	14:30	14:45	14:45	13:15	12:00	-	-
Peak	260	256	278	284	297	236	223	275	262

Collated from 15 minut

Created at 13:20:42 on 13 Nov 2009

Site No: 70078288

Grid Reference: 470764 107524

Barncroft Way South of Ashley Close

Vehicle Count Summary From 25/06/2008 To 04/07/2009 Channel: Northbound

Time Begin	Mon	Tue	Wed	Thu	Fri	Sat	Sun	5-Day Av	7-Day Av
00:00	17	12	12	14	23	64	48	16	27
01:00	5	7	4	8	10	21	26	7	12
02:00	4	8	14	2	2	14	24	6	10
03:00	3	6	2	7	4	7	8	4	5
04:00	11	8	4	6	5	10	6	7	7

05:00	28	22	20	25	19	19	6	23	20
06:00	52	66	73	70	73	22	24	67	54
07:00	141	166	154	150	148	64	29	152	122
08:00	181	160	178	178	194	104	59	178	151
09:00	205	200	183	199	175	159	99	192	174
10:00	210	195	191	190	201	185	127	197	186
11:00	210	229	235	202	227	209	174	221	212
12:00	244	248	238	238	241	247	176	242	233
13:00	206	222	247	206	238	204	196	224	217
14:00	228	214	251	274	257	200	201	245	232
15:00	256	285	280	279	297	195	169	279	252
16:00	294	314	308	298	302	222	159	303	271
17:00	301	324	320	334	296	235	185	315	285
18:00	257	249	240	254	261	218	178	252	237
19:00	188	203	189	221	203	208	149	201	194
20:00	145	152	168	174	159	140	95	160	148
21:00	108	129	122	127	125	101	93	122	115
22:00	91	82	88	98	90	133	53	90	91
23:00	50	45	49	69	78	83	44	58	60

12H,7-19	2733	2806	2826	2800	2837	2242	1752	2800	2571
16H,6-22	3226	3356	3380	3393	3397	2713	2113	3350	3082
18H,6-24	3367	3483	3517	3560	3565	2929	2210	3498	3233
24H,0-24	3435	3546	3573	3623	3628	3064	2328	3561	3314

Am	09:15	11:00	11:00	08:30	11:00	11:00	11:00	-	-
Peak	216	229	235	202	227	209	174	222	213
Pm	15:30	17:00	16:30	16:45	15:15	12:00	12:30	-	-
Peak	304	324	330	340	311	247	217	322	296
Collated from 15 minut									

Created at 13:20:42 on 13 Nov 2009

Appendix E

Proposed Development Layouts

Job No	Report No	Issue no	Report Name	Page
STH2507	1	3	Barncroft Infant School Disposal	E1

Barncroft Way, Havant

LEGEND

-  Proposed housing
-  Existing development
-  Adoptable roads
-  Adoptable footways
-  Private / shared surface
-  Grass / soft surface
-  Existing / retained trees
-  Trees to be removed
-  Proposed landscaping not shown

Drawing No: Y0426-02C-ajt

Rev: b

Date: 02.02.11

Scale: 1 x 500 @ A3



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Dwelling mix by plots

one bed

3, 4 (houses),
30, 31, 32 (flats)

two bed

2, 5, 6, 9, 10, 11, 20, 21,
23 (houses),
33, 34 (flats)

three bed

1, 7, 8, 12, 13, 14, 15,
16, 17, 18, 19, 22, 24,
25, 26, 27, 28, 29
(houses)

school
swimming
pool

potential footpath
link to Hook's
Row car park

Development indicated:

5 x one bed dwellings
11 x two bed dwellings
18 x three bed dwellings

total dwellings = 34

gross site density = 34 dwgs/ha

two or fewer beds = 47%

flats = 15%

indicative extent of
existing hedgerow

existing surface
water connection

flood attenuation
area

potential pedestrian
link to Hook's Row

Hooks Row

Redbridge Grove

Barncroft Way

plots
30-34

plot 14

plot 13

plot 12

plot 11

plot 10

plot 9

plot 8

plot 7

plot 6

plot 5

plot 4

plot 3

plot 2

plot 20

plot 21

plot 22

plot 23

plot 24

plot 25

plot 26

plot 27

plot 28

plot 29

plot 16

plot 15

plot 17

plot 18

plot 19

Land off Park Lane, Havant

LEGEND

-  Proposed housing
-  Existing development
-  Adoptable roads
-  Adoptable footways
-  Private / shared surface
-  Grass / soft surface
-  Existing / retained trees
-  Trees to be removed
- Proposed landscaping not shown
-  existing surface water drains (presumed)
-  proposed private foul sewer (indicative)

Drawing No: Y0426-04-ajt

Rev: Date: 11.01.11

Scale: 1 x 200 @ A3



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Development indicated:

Plots A, D + E - 3 bedroom detached dwelling with garage
Plots B + C - 2 / 3 bed semi-detached dwelling with garage/parking spaces

total dwellings = 5

gross site density = 30 dwgs/ha

Appendix F

HCC Preliminary Design Report and Feasibility Report

Job No	Report No	Issue no	Report Name	Page
STH2507	1	3	Barncroft Infant School Disposal	F1



Hampshire
County Council

BARNCROFT SCHOOLS HAVANT

FEASABILITY REPORT

Prepared by: Robin Dooley

Signed: *R. Dooley* Date: *25/6/10* ..

Approved by: Simon Fryer

Signed: *[Signature]* Date: *25/6/10* ..

Job No: R.J502730



Stuart Jarvis, BSc DipTP FCIHT MRTPI, Director of Environment, The Castle, Winchester

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1. INTRODUCTION

1.1. Background

In August 2007, Engineering Consultancy were instructed by Estates Practice to investigate access locations to the Barncroft Schools site for a potential residential development.

Two potential access points were identified in the initial Feasibility Report, dated September 2007.

In April 2008 a detailed topographic survey was undertaken on this site, which indicated that the requirements for visibility at the previously identified junctions could not be met. In response to this information further consultation was carried out with highways Development Control, HCC Arboriculture, Safety Engineering and a comprehensive speed survey was undertaken.

The findings of these investigations are contained within this report.

2. PARK ROAD



Fig. 1 – Looking left, towards Jessie Road



Fig 2. – Looking right, along Park Road

2.1. General Information

Drawing No.502730/SK3 shows a potential access to the Barncroft School site from Park Road.

The proposed access will serve 5No. dwellings and will be classed as a private driveway.

Although Park Road is subject to a 30mph speed limit, speed counts taken during the last week in June 2008 and showed that the 85th percentile speeds were as follows:-

Northbound – 32.7mph

Southbound – 40.2mph

As these were dry weather speeds TA22/81 allows a 2.5mph reduction in spot speed to achieve the design speed. This would bring the design speeds to the threshold of the Manual for Streets guidelines of 59m required visibility splay.

2.2. Visibility Splay

Visibility splays of 2.4 x 59m can be achieved in both directions without third party land being affected.

2.3. Accident Data

There have been no injury accidents reported for this section of road.

2.4. Additional Engineering Measures

The provision of speed reducing features along Park Lane could mitigate the speed issues and increase pedestrian access to the site. However the existing arrangement of vehicle crossings along the street means that it would prove difficult to site such a feature without restricting the existing accesses. Speed reduction by vertical deflection would be resisted by Havant Borough Council traffic management.

3. CONCLUSION

3.1. Park Lane

The 2.5mph reduction in recorded spot speeds, to achieve wet weather design speeds, will bring the range of recorded speeds to the threshold of the 'Manual for Streets' guidance.

Havant Borough Council are happy with the principle of the development due to its small size subject to provision for on site turning and arrangements for refuse collection.

Safety Engineering were consulted and although the new access is close in terms of the stagger to Jessie Close given the scale of the development and being a private driveway this would be acceptable.

3.2. Safer Routes to School

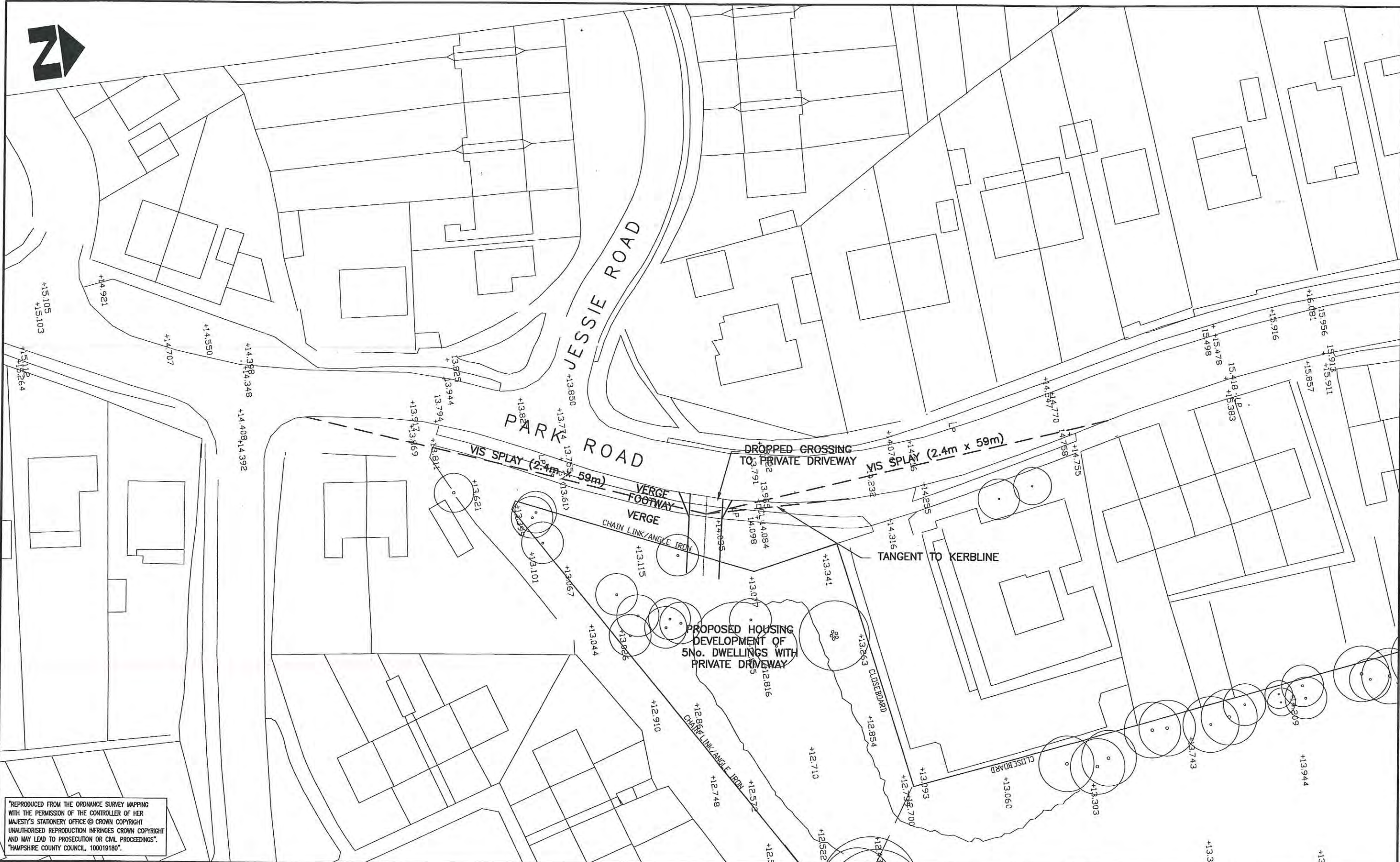
Initial consultations have been held with the Safer Routes to School team, and their initial preferences are that some pedestrian improvement works be carried out at Park Road and Barncroft Way to aid access to both the new residential development and the retained school.

The extent of any works should be decided on in consultation with the SRtS team and in conjunction with the school travel plan.

4. APPENDICES

- 4.1. Sketch no. 502730/SK3**
- 4.2. Response from Safety Engineering**
- 4.3. Response from Havant Borough Council**

APPENDIX 4.1



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"HAMPSHIRE COUNTY COUNCIL, 100019180".

REV.		AMENDMENT	DATE	DRAWN	CHKD	APPD	CLIENT HAMPSHIRE COUNTY COUNCIL PROPERTY BUSINESS AND REGULATORY ESTATES PRACTICE		CONSULTANT Hampshire County Council STUART JARVIS BSc DipTP FCIHT MRTPI, DIRECTOR OF ENVIRONMENT, THE CASTLE, WINCHESTER.		DRAWN RD RD CHECKED SF APPROVED DD		SCHEME BARNCROFT INFANT AND JUNIOR SCHOOL HAVANT JOB No. R.J 502775.02 SCALE 1:500 DATE FEB 2010		DRAWING TITLE PARK ROAD ACCESS HCC CADplot: 25.Jun.2010 at 1:55pm DRG No. 502775/002		REV	SUFFIX
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HCC CADfile: K:\Eng\Roads\Schemes\RJ502730 - Barncroft\502730-002 Feasibility - Park Road.dwg

APPENDIX 4.2

Dooley, Robin

From: Medd, Ian (Environment)
Sent: 06 May 2010 15:56
To: Dooley, Robin
Subject: RE: Barncroft Infant School - Park Road access

Robin

Can't see any problems at this stage.

If it was a new junction it would be close in terms of the stagger with Jessie Close but given the scale of the development and being a private driveway this should be OK.

Ian

From: Dooley, Robin
Sent: 06 May 2010 15:34
To: Medd, Ian (Environment)
Subject: Barncroft Infant School - Park Road access

Ian,

I believe you have looked at this one before for Emma. Attached is a drawing of a proposed access of Park Road to serve a development of 5 houses. It is proposed that the access road be classed as a private driveway. Would it be possible for to you quickly cast your eye over it to see if there are any potential problems. Please advise if we need a feasibility safety audit or not bearing in mind that you have already looked at a larger development off Park Road which utilised the former school entrance.

Regards

Robin Dooley
Senior Engineer
Engineering Consultancy
Hampshire County Council
Capital House, 48-52 Andover Road
Winchester, SO23 7BH

Tel: 01962-847201

Email : Robin.Dooley@hants.gov.uk

<< File: 502730-002 Feasability - Park Road-SK3 - 1_500 at A3.pdf >>

APPENDIX 4.3

Dooley, Robin

From: Peter Marshall [Peter.Marshall@havant.gov.uk]
Sent: 08 June 2010 11:26
To: Dooley, Robin
Subject: RE: Access to proposed development off Park Road, Havant

Robin, I think things have become confused. The proposed development is off Park Lane not Park Road. I have no negative comments to make with regard to the principle of the development of five dwellings served by a private drive subject to turning on site and servicing of the development with regard to refuse collection
Regards Pete

Peter J Marshall BSc MCHIT

From: Dooley, Robin [mailto:Robin.Dooley@hants.gov.uk]
Sent: 04 June 2010 17:23
To: Peter Marshall
Cc: Bannister, John; Tracey Ford
Subject: Access to proposed development off Park Road, Havant

Peter,

I have tried a couple of times to contact you in the past with little success. I have been given your name and contact details by Steve Jenkins as the small nature of the development means this now falls within your control.

I want to get your views on our proposal to access a small parcel of land off Park Road adjacent to Barncroft Infant school. The school is being redeveloped and the two schools currently sited there are to be amalgamated to form one larger school. This leaves us with land to sell off. Our proposal is for 5 No. dwellings accessed via a private driveway. I have spoken to our safety team and they have no comments to make. I would very much like to get some feedback from you regarding this site.

I called last week and discussed this with Tracey Ford. Tracey said that we may need to provide an pre-application reference number. I have subsequently contacted our planners who gave me the following gen/74150/001 this was on a letter received from David Eaves.

Please get in touch. I am on leave myself next week and will return on the 14th.

Regards

Robin Dooley
Senior Engineer
Engineering Consultancy
Hampshire County Council
Capital House, 48-52 Andover Road
Winchester, SO23 7BH

Tel: 01962-847201

Email : Robin.Dooley@hants.gov.uk

24/06/2010



Hampshire
County Council

BARNCROFT SCHOOLS HAVANT

PRELIMINARY DESIGN REPORT BARNCROFT WAY

Prepared by: Robin Dooley

Signed: *R. Dooley* Date: 11/01/11

Approved by: David Devenish

Signed: *David Devenish* Date: 11/01/11

Job No: R.J502775



Stuart Jarvis, BSc DipTP FCIHT MRTPI, Director of Environment, The Castle, Winchester

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1. INTRODUCTION

1.1. Background

In August 2007, Engineering Consultancy were instructed by Estates Practice to investigate access locations to the Barncroft Schools site for a potential residential development.

An access off of Barncroft Way was identified in the initial Feasibility Report, dated September 2007.

In April 2008 a detailed topographic survey was undertaken on this site, which indicated that the requirements for visibility at the previously identified junctions could not be met. In response to this information further consultation was carried out with highways Development Control, HCC Arboriculture, Safety Engineering and a comprehensive speed survey was undertaken.

The findings of these investigations are contained within this report.

In early February 2010 a preliminary design was developed to access the site of the former infant school which had been chosen as the preferred redevelopment site. The access to this site would be from Barncroft Way. The previous reports had already looked at the feasibility of providing highways access and therefore the design proposed by the report includes all the recommendations from the previous reports.

2. BARNCROFT WAY



2.1. General information

Barncroft Way is subject to a 30mph speed limit. 7 day speed counts have been taken for the last week of June 2008 and this showed that the 85%ile speeds were as follows:-

Northbound – 37.5mph

Southbound – 35.5mph

Using the guidance in Manual for Streets the recorded speeds would necessitate visibility splays of 59m.

2.2. Visibility Splay

At present the visibility is obscured due to the security fencing, but if this was removed, visibility splays of 2.4 x 52m could be achieved to the South and 2.4 x 40m to the North without third party land being affected. In order to achieve the required visibility to the North a traffic island has been provided thus taking the visibility splay to the centreline of Barncroft Way. Therefore the full 2.4 x 59m visibility can now be achieved.

It is also recommended that the existing Traffic Regulation Order is amended to extend the double yellow lines further to the north as shown on the drawing in order to protect the visibility envelope.

2.3. Junction Spacing

There is an existing junction on the opposite side of Barncroft Way into Priorsdean Crescent, the stagger is only 20m which is below the desired minimum. Highways DC and Safety Engineering do not consider this as a significant issue.

2.4. Accident Data

One 'slight' injury accident has been reported in the vicinity of the school. The accident data is attached to the rear of this report.

3. CONCLUSION

3.1. Barncroft Way

The reduced visibility and high traffic speeds on Barncroft Way were a concern to the Hampshire County Council Development Control officer (Highways DC).

A traffic island, located to the north of the site, has therefore been added to the scheme to mitigate those concerns. This will also act as traffic calming to bring down the 85%ile speeds.

The visibility splays will therefore move from the nearside kerb to the centre line of the carriageway thus providing full compliance with Manual for Streets.

The traffic island has been carefully positioned to freely enable turning movements from Ashley Close onto Barncroft Way and also in and out of the private driveways. It has been positioned so as not to hinder the movement of busses along this route.

3.2. Safety Engineering

The safety audit recommended that a traffic island is provided rather than a pedestrian refuge island. It was felt that the location of a crossing point on a bend and within a car parking area was hazardous to pedestrians and afforded them limited visibility.

3.3. Safer Routes to School

Initial consultations had been held with the Safer Routes to School team, who are preparing their own scheme to improve pedestrian and cycle routes along Barncroft Way.

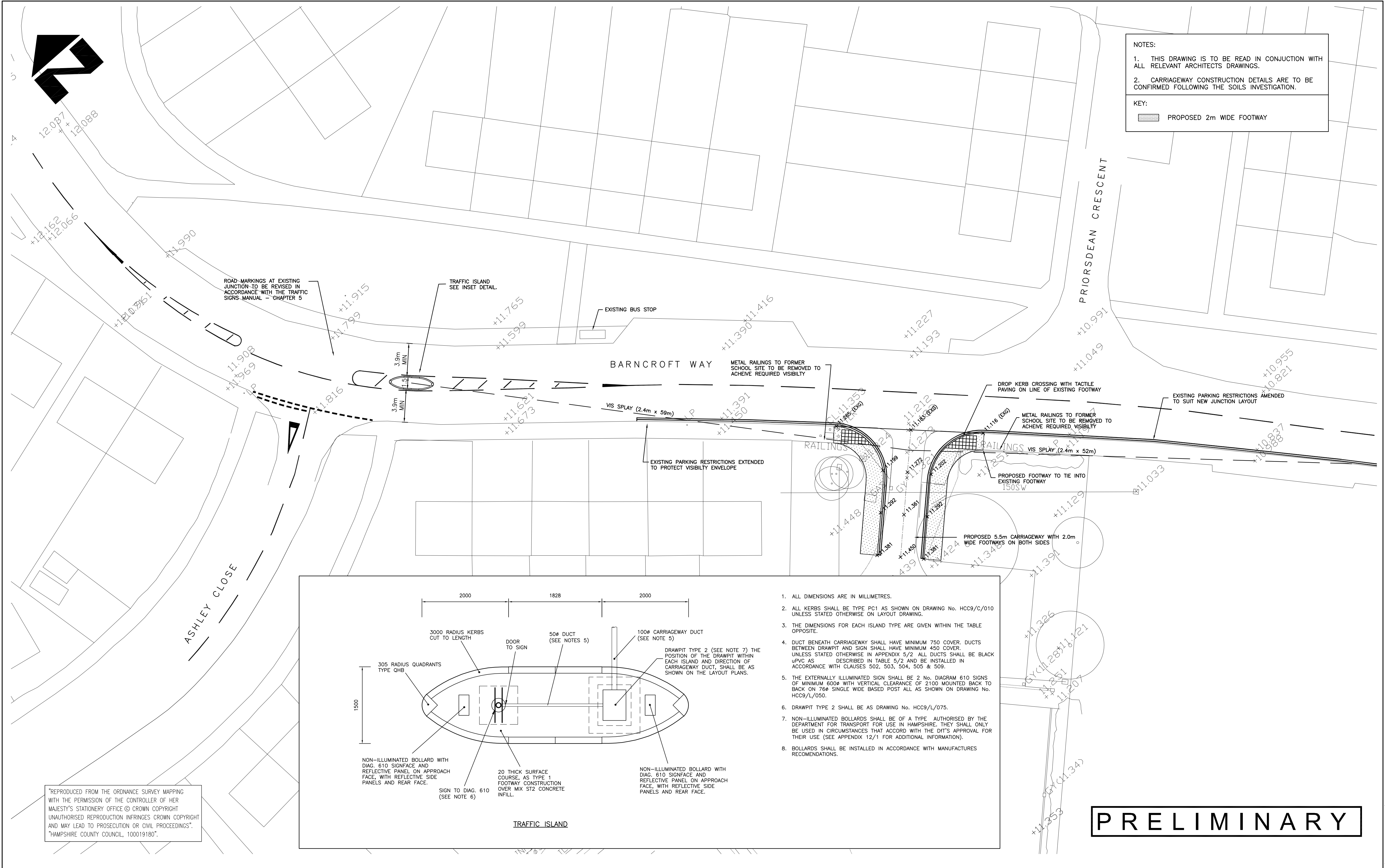
3.4. Final Design

Highways DC, Safety Engineering and Havant Borough Council Highways officer have approved this scheme which is included on drawing no. 502775/001 (appendix. 4.1) and these approvals are shown in appendices 4.1, 4.2 and 4.3

4. APPENDICES

- 4.1. Drawing no. 502775/001.**
- 4.2. Response from Hampshire County Council Highways Development Control.**
- 4.3. Response from Safety Engineering.**
- 4.4. Response from Havant Borough Council Highways Development Control.**

APPENDIX 4.1



NOTES:

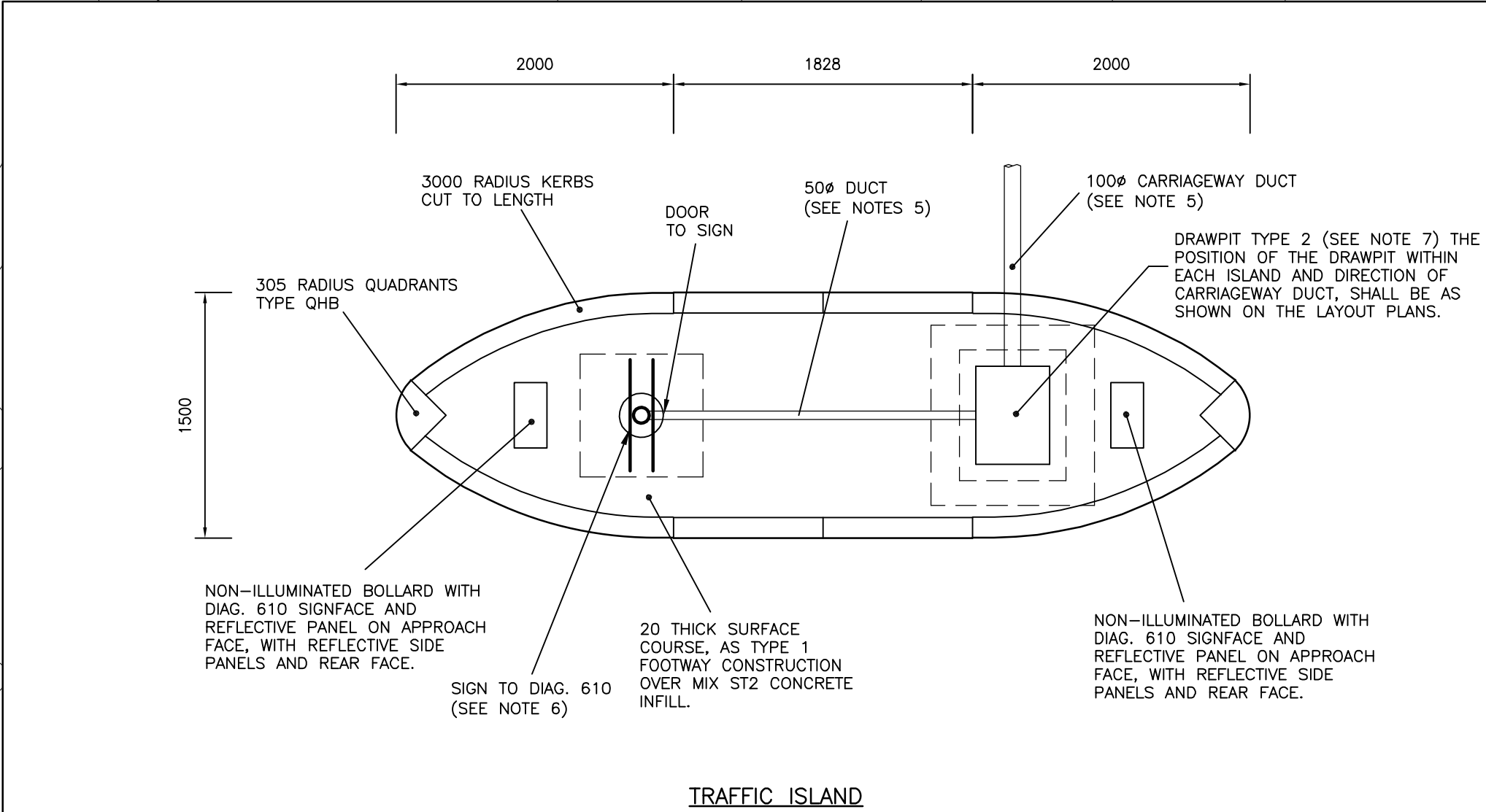
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS DRAWINGS.

2. CARRIAGEWAY CONSTRUCTION DETAILS ARE TO BE CONFIRMED FOLLOWING THE SOILS INVESTIGATION.

KEY:

PROPOSED 2m WIDE FOOTWAY

"REPRODUCED FROM THE ORDNANCE SURVEY MAPPING WITH THE PERMISSION OF THE CONTROLLER OF HER MAJESTY'S STATIONERY OFFICE © CROWN COPYRIGHT UNAUTHORISED REPRODUCTION INFRINGES CROWN COPYRIGHT AND MAY LEAD TO PROSECUTION OR CIVIL PROCEEDINGS".
"HAMPSHIRE COUNTY COUNCIL, 100019180".



1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ALL KERBS SHALL BE TYPE PC1 AS SHOWN ON DRAWING No. HCC9/C/010 UNLESS STATED OTHERWISE ON LAYOUT DRAWING.
3. THE DIMENSIONS FOR EACH ISLAND TYPE ARE GIVEN WITHIN THE TABLE OPPOSITE.
4. DUCT BENEATH CARRIAGEWAY SHALL HAVE MINIMUM 750 COVER. DUCTS BETWEEN DRAWPIT AND SIGN SHALL HAVE MINIMUM 450 COVER. UNLESS STATED OTHERWISE IN APPENDIX 5/2 ALL DUCTS SHALL BE BLACK UPVC AS DESCRIBED IN TABLE 5/2 AND BE INSTALLED IN ACCORDANCE WITH CLAUSES 502, 503, 504, 505 & 509.
5. THE EXTERNALLY ILLUMINATED SIGN SHALL BE 2 No. DIAGRAM 610 SIGNS OF MINIMUM 600Ø WITH VERTICAL CLEARANCE OF 2100 MOUNTED BACK TO BACK ON 76Ø SINGLE WIDE BASED POST ALL AS SHOWN ON DRAWING No. HCC9/L/050.
6. DRAWPIT TYPE 2 SHALL BE AS DRAWING No. HCC9/L/075.
7. NON-ILLUMINATED BOLLARDS SHALL BE OF A TYPE AUTHORISED BY THE DEPARTMENT FOR TRANSPORT FOR USE IN HAMPSHIRE. THEY SHALL ONLY BE USED IN CIRCUMSTANCES THAT ACCORD WITH THE DfT'S APPROVAL FOR THEIR USE (SEE APPENDIX 12/1 FOR ADDITIONAL INFORMATION).
8. BOLLARDS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURES RECOMMENDATIONS.

PRELIMINARY

							CLIENT	HAMPSHIRE COUNTY COUNCIL PROPERTY BUSINESS AND REGULATORY SERVICES				 Hampshire County Council  engineering CONSULTANCY  Certificate No. FS 21845 STUART JARVIS BSc DipTP FCILT MRTPI, DIRECTOR OF ENVIRONMENT, THE CASTLE, WINCHESTER.				DRAWN RD CAD RD CHECKED		SCHEME BARNCROFT INFANT AND JUNIOR SCHOOL HAVANT		DRAWING TITLE BARNCROFT WAY ACCESS PRELIMINARY DESIGN		
											JOB No. R.J 502775.02		HCC ddp/pt: 27-Jan-2011 at 9:30am									
											SCALE @ A1 1:200		DATE FEB 2010		SHEET No.		DRG No. 502775/001		REV —		SUFFIX P	
REV.	AMENDMENT					DATE	DRAWN	CHKD	APPD													

APPENDIX 4.2

Dooley, Robin

From: Clifton, Ben
Sent: 19 October 2010 09:18
To: Dooley, Robin; Dinnage, Holly
Subject: RE: Barncroft Way, Havant

Robin

I can confirm that I am satisfied with the principles of this design

Thanks
Ben

Ben Clifton
Senior Transport Planner
Highways Development Planning
Strategic Transport
Hampshire County Council
Elizabeth II Court West
The Castle
Winchester SO23 8UD
01962 846761 ben.clifton@hants.gov.uk

From: Dooley, Robin
Sent: 11 October 2010 15:21
To: Clifton, Ben; Dinnage, Holly
Subject: Barncroft Way, Havant

Hi Ben and Holly,

Further to our meeting last week I have amended the drawing in accordance with your comments. Please see attached drawing. I trust the design is now satisfactory and meets with your approval.

If at all possible could you both drop me a line so that I have something on record that both depts now agree on the principals of the design. Thanks very much. Speak soon.

Regards

Robin Dooley
Senior Engineer
Engineering Consultancy
Hampshire County Council
Capital House, 48-52 Andover Road
Winchester, SO23 7BH

Tel: 01962-847201

Email : Robin.Dooley@hants.gov.uk

<< File: 502730-001B Preliminary Access - Barncroft-Layout2.PDF >>

APPENDIX 4.3

Dooley, Robin

From: Dinnage, Holly
Sent: 14 October 2010 11:41
To: Dooley, Robin; Clifton, Ben
Subject: RE: Barncroft Way, Havant

Robin

There is no detail for a high level keep left on the island which would need to be lit. Other than that I am happy with this design.

Kind Regards

Holly

Holly Dinnage BSc (Hons) AMCIHT
Road Safety Engineer
Road User Audit & Performance
Traffic & Safety Group
Hampshire County Council
☎ (01962) 832214
✉ holly.dinnage@hants.gov.uk

From: Dooley, Robin
Sent: 11 October 2010 15:21
To: Clifton, Ben; Dinnage, Holly
Subject: Barncroft Way, Havant

Hi Ben and Holly,

Further to our meeting last week I have amended the drawing in accordance with your comments. Please see attached drawing. I trust the design is now satisfactory and meets with your approval.

If at all possible could you both drop me a line so that I have something on record that both depts now agree on the principals of the design. Thanks very much. Speak soon.

Regards

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Tel: 01962-847201

Email : Robin.Dooley@hants.gov.uk

<< File: 502730-001B Preliminary Access - Barncroft-Layout2.PDF >>

SAFETY AUDIT REPORT

**NEW ACCESS
BARNCROFT WAY
HAVANT**

PRELIMINARY DESIGN STAGE (1)

AUGUST 2010

File Ref: 13/101

2. ITEMS RAISED AT STAGE 1 SAFETY AUDIT

- 2.1 It is apparent that vehicles park on the carriageway along the whole length of Barncroft Way. Parked vehicles within the visibility splay of the proposed junction could lead to drivers pulling out in front of oncoming vehicles.

Recommended: Provide parking restrictions as appropriate around the junction to ensure visibility splays are maintained.

- 2.2 The visibility to the north from the proposed pedestrian refuge is restricted by the carriageway alignment. This could lead to conflict between oncoming traffic and pedestrians crossing the carriageway.

Recommended: Relocate the crossing point away from the bend to a location where appropriate visibility can be achieved.

- 2.3 There is existing verge hardening for parking on the east side of Barncroft Way and on street parking on the west side of the road in close proximity to the proposed crossing point location. These parked vehicles reduce the intervisibility between pedestrians and vehicles and could lead to conflict between pedestrians crossing the carriageway and oncoming traffic.

Recommended: Review the parking arrangements on the east side of Barncroft Way and provide parking restrictions on the West side of the road to ensure appropriate visibility is achieved.

Safety Audit Request



Hampshire
County Council

Feasibility (F)* Preliminary (1)* Detailed (2)* Design Stage

*Delete as appropriate

Scheme: New Access onto Barncroft Way, Havant

Job Number: R.J502775.02

SAT Reference: 13 / 101

(SAT use only)

Scheme Description:

Preliminary design for a new access onto Barncroft Way from the site of the former Barncroft Infant school. The site is to be sold off for re-development. Outline planning has been applied for with a yield of 39 dwellings consisting of houses and flats.

(Continue on separate sheet if necessary)

Departures from standards:

Safety Audit Request Continued

Special considerations:

(Continue on a separate page if necessary)

Details Provided:

Drg. No. 502775/001 – Barncroft Way Access Preliminary Design

Drg. No. 502775/003 – Swept Path Analysis Turning Movements Barncroft Way / Ashley Close

(Continue on a separate page if necessary)

APPENDIX 4.4

Dooley, Robin

From: Peter Marshall [Peter.Marshall@havant.gov.uk]

Sent: 01 December 2010 09:23

To: Dooley, Robin

Subject: RE: Barncroft Way, Havant

I have no adverse comment

Peter J Marshall BSc MCHIT

From: Dooley, Robin [mailto:Robin.Dooley@hants.gov.uk]

Sent: 29 November 2010 13:18

To: Peter Marshall

Cc: Bannister, John

Subject: Barncroft Way, Havant

Hi Peter,

Have you had a chance to look at the Barncroft Proposals that I sent over to you. John Bannister is pressing me to complete the report and I am really only waiting for your reply. Please get back to me or give me a call if you need to discuss anything further.

Kind Regards

Robin Dooley

Senior Engineer

Engineering Consultancy

Hampshire County Council

Capital House, 48-52 Andover Road

Winchester, SO23 7BH

Tel: 01962-847201

Email : Robin.Dooley@hants.gov.uk

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11/01/2011

