

M & S Traffic Ltd

Road Safety Audit Stage 1

S38 Works

Hook Lane

Westergate

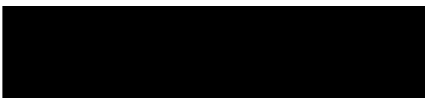
West Sussex

Date: 22nd May 2016

Report produced for: Rogers Cory Partnership

Report produced by: M & S Traffic Ltd

M & S Traffic Ltd
Aeolus House
32 Hamelin Road
Gillingham
Kent ME7 3EX



Directors:
Martin Morris & Bryan Shawyer
Company Reg. No. 06730905

ARUN DISTRICT COUNCIL Registered Office: 32 Hamelin Road, Gillingham, Kent ME7 3EX

DOCUMENT CONTROL SHEET

Project Title Hook Lane, Westergate, West Sussex

Report Title Road Safety Audit Stage 1

Revision

Status Final

Reference RCP/E4462/1/BS

Record of Issue

Issue	Status	Author	Date	Check	Date	Authorised	Date
1	Final	BS	22/05/16	MM	22/05/16	BS	22/05/16

Distribution

Organisation	Contact	Copies
Rogers Cory Partnership	Karren Johnston	-

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Appendix A.....List of drawings

Appendix B.....Comment location drawing

1 INTRODUCTION

- 1.1 This report describes a Stage 1 Road Safety Audit carried out on Section 38 works for an internal road layout for a residential development off Hook Lane, Westergate. The Audit was requested by the design organisation, Rogers Cory Partnership, The Old School, Old school Road, Hook, Hampshire, RG27 9NJ.
- 1.2 The Audit Team membership was as follows:

Bryan Shawyer BEng (Hons), MSc, MCIHT, HA RSA Cert Comp, Audit Team Leader

Martin Morris PGD, MCIHT, HA RSA Cert Comp, Audit Team Member
- 1.3 The audit was undertaken in accordance with the audit brief and following the principles of HD 19/15, The Design Manual for Roads and Bridges. The documents available at the time of the report are detailed in Appendix A.
- 1.4 A site visit and inspection was undertaken during the morning of the 21st May 2016. Weather conditions at the time were overcast and the road surface was dry. Traffic flows and free flow speeds on Hook Lane were low.
- 1.5 The report has been compiled, only with regard to the safety implications for road users of the layout presented in the supplied drawings. It has not been examined or verified for compliance with any other standards or criteria. This safety audit does not perform any “Technical Check” function on these proposals. It is assumed that the Project Sponsor is satisfied that such a “Technical Check” has been successfully completed prior to requesting this safety audit.
- 1.6 The auditors have not been informed of any Departures from Standards in this scheme construction.
- 1.7 All comments and recommendations are referenced to the detailed drawings and the locations have been detailed relating to the plans supplied with the audit brief, Appendix B.

2 ITEMS RAISED AT PREVIOUS AUDITS

2.1. No previous audits were supplied for assessment.

3 ITEMS RAISED AT THE STAGE 1 AUDIT

3.1 General

3.1.1 PROBLEM

Location: The scheme.

Summary: Insufficient construction details could compromise road safety.

No construction details were provided for assessment, in particular, carriageway and footway construction. Inappropriate Polished Stone Values (PSV) could lead to differential braking, particularly under severe braking conditions, insufficient slip resistance of footways could lead to trips and falls.

RECOMMENDATION

That carriageway and footway construction details should be provided for assessment at Stage 2 Safety Audit.

3.1.2 PROBLEM

Location: The scheme.

Summary: Ponding of surface water could lead to loss of control accidents.

No details of drainage or vertical profiles have been provided for assessment; any ponding at junctions or ramps could lead to loss of control accidents.

RECOMMENDATION

That drainage details and carriageway profiles should be provided at Safety Audit Stage 2.

3.2 Local Alignment

3.2.1 PROBLEM

Location: The scheme.

Summary: Lack of visibility could compromise road safety.

Visibility splays and Stopping Sight Distances have been proposed and are considered acceptable; however, at one junction and two bends, the splays appear to pass over non-highway land. Vegetation or landscaping features in this splays could restrict visibility, where insufficient visibility could lead to side swipe, side impact or rear end shunt accidents.

RECOMMENDATION

That the splays should be within the adoptable highway, or that suitable covenants should be arranged to ensure that the splay is not affected by planting or landscaping features.

3.2.2 PROBLEM

Location: Shared surfaces within the scheme.

Summary: Inappropriate parking could compromise road safety.

Swept paths were provided for a Fire Appliance. The tracking movements within the shared surfaces show that the appliance occupies the majority of the carriageway, particularly at bends. This could lead to footway over running and possible pedestrian accidents or collisions with parked vehicles.

RECOMMENDATION

That parking restrictions should be applied to the shared surface areas.

3.3 Junctions

3.3.1 No comment.

3.4 Non Motorised User Provision

3.4.1 No comment.

3.5 Road Signs, Carriageway Markings and Lighting

3.5.1 No comment.

4 NON SAFETY ISSUES

- 4.1 Safety issues identified during the audit and site inspection that are considered to be outside the Terms of Reference, but which the Audit Team wishes to draw to the attention of the Client Organisation, are set out in this section. It is to be understood that, in raising these issues, the Audit Team in no way warrant that a full review of the highway environment has been undertaken beyond that necessary to undertake the Audit as commissioned.
- 4.2 The Audit Team has no issues to raise within this section.

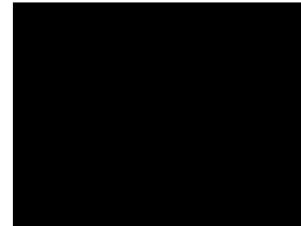
5 AUDITOR TEAM STATEMENT

5.1 We certify that this audit has been carried out following the principles of HD 19/15.

Audit Team Leader

Bryan Shawyer
BEng (Hons), MSc, MCIHT, HA RSA Cert Comp
M & S Traffic Ltd
Aeolus House
32 Hamelin Road
Gillingham
Kent ME7 3EX

Signed:

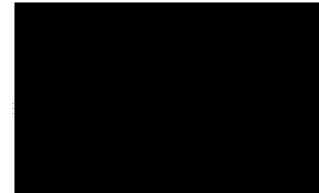


Date: 22/05/16

Audit Team Member

Martin Morris
PGD, MCIHT, HA RSA Cert Comp
M & S Traffic Ltd
Aeolus House
32 Hamelin Road
Gillingham
Kent ME7 3EX

Signed:



Date: 22/05/16

APPENDIX A

List of drawings and documentation submitted for auditing:

Drawing No.

Title

See attached sheet

APPENDIX B

Plan attached showing the locations of the problems identified as part of this audit (location numbers refer to paragraph numbers in the report).



Rogers Cory Partnership

SITE: Hook Lane, Westergate
Internal Site Road Layout

DEVELOPER: Barratt David Wilson

REPORT: Stage 1
Preliminary Design – Road Safety Audit
Designer's Response

REPORT DATE: 25th May 2016

REPORT REF: KJ/BSO/E4462/16116

Introduction

This Report is in response to the Stage 1 Road Safety Audit prepared by M&S Traffic Limited dated 22nd May 2016.

The Designer's responses refer by item number to the corresponding item number in the Road Safety Audit.

Items Raised Within The Road Safety Audit

3.1 - General

- 3.1.1 Construction details will be provided at detailed design stage with appropriate consideration of the minimum PSV required.
- 3.1.2 A site drainage strategy has been produced and a copy attached for information. The drainage will be included at detail design stage in accordance with good practice and design standards to avoid areas of ponding.

3.2 – Local Alignment

- 3.2.1 Agreed, visibility splays should be kept free of obstructions. Areas of verges within the proposed junction and forward visibility splays will have low level of planting and

regular maintenance of these verges will be undertaken by the Management Company. This will be conveyed to the Landscape Architect for inclusion in their design.

- 3.2.2 Tracking provided is to indicate a fire tender can access points on the site. Shared access routes are designed in accordance with Manual for Streets with regard to fire tender access.

Engineer's Statement:

(Road Safety Audit for Hook Lane, Westergate)

I certify that I have considered the items that have arisen in the combined Stage 1 Road Safety Audit and I am content to accept all of its recommendations subject to the comments made in this response.

Author KJ

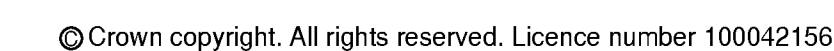
Dated 06.06.2016

Karren Johnston – Engineering Associate
Rogers Cory Partnership



1. Site layout shown in this drawing is based on Carlton Design Partnership Site Layout, drawing number 160104/SL Rev R dated 28/04/16.
2. Topographic Survey as per Siteline Provisional Survey drawing number 36WZ001A dated February 2016.
3. Layout review is subject to receipt of finalised layout proposal and the final highway layout design will be subject to the outcome of consultation with West Sussex County Council.
4. Red indicates vehicle moving forward, blue indicates vehicle reversing.

1. Assumed speed limits:
 - Hook Lane = 30mph
 - Roads Within Development = 20mph
 - Speed Control Bends within Shared Surface Areas = 12mph.
2. Junction visibility requirements:
 - For 30mph road = 2.4m x 43m (Manual for Streets).
 - For 20mph road = 2.4m x 25m (Manual for Streets).
3. Forward visibility requirements:
 - 25m for 20mph (Manual for Streets).
 - 14m for 12mph (Manual for Streets).

[illegible]

Rev.	Date	Details	By	Chkd	Appd
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BARRATT
 HOMES

Drawing Title:-
**HIGHWAY
LAYOUT
REVIEW**

Date:	May 2016	Scales:	1:500 at A1
Drawn:	AC	Checked:	KJ
		Approved:	TS

Drawing No. BSO/E4462/013

PRELIMINARY
WORK IN PROGRESS



Rogers Cory Partnership
Civil, Structural and Architectural Consultants

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hook hampshire rg27 9nj

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f 01256 763048 w rcprconsultants.co.uk

Hook Lane – Westergate – PB

Collision report 01/04/2011 – 31/03/2016

Date produced
28 April 2016

The information included in this report is provided for analysis and is based on the data provided by Sussex Police. Some of the data included in this report is subjective and as such is not considered suitable for general release. In view of this it should not be transmitted to any other person in its original form, including in any report which may be available to the public. If you have any doubt regarding how this data may be used other than for analysis please contact SSRP for advice.

Sussex Safer Roads
P A R T N E R S H I P

Safer Roads
Safer Communities
Sharing the Responsibility

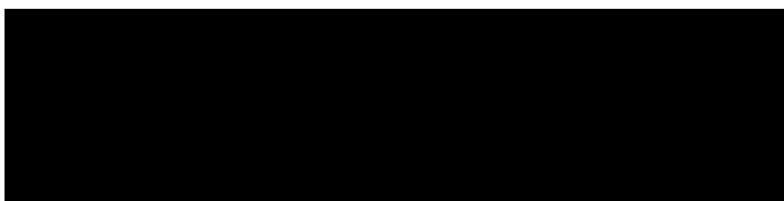
Produced by Sussex Safer Roads Partnership on behalf of Sussex Police

Data regarding personal injury collisions is recorded by Sussex Police in accordance with the DfT Stats 19 requirements. The data is subsequently used by Sussex Safer Roads Partnership for monitoring and planning. While every effort is made to ensure that this data is accurate, it is subject to change should further information become available.

This data may not be fully validated and while every effort is made to ensure its accuracy any statistics provided may not match those published elsewhere.

Sussex Safer Roads Partnership does not hold collision data either where there are no recorded casualties or the incident has not been reported to Sussex Police.

For further information:



Details of Personal Injury Accidents for Period - 01/04/2011 to 31/03/2016 (60) months

Selection:

Notes:

Selected using Manual Selection

Police Ref.	Day	Location Description	Vehicles					Casualties			
			Veh No	Type	Age	Manv	Dir	Class	Sex	Age	Sev
Road No.	Date										
2nd Road No.	Time										
Grid Ref.	D/L										
	R.S.C										
	Weather										
	Speed										
	Account of Accident										
Causation Factor:											

1103717 Thursday B2233 NYTON ROAD of A29 NYTON ROAD
16/06/2011
R1: B 2233 1440 hrs
R2: A 29
E 493,893 Wet/Damp
N 105,612 Unknown
30 mph

Veh 2 M/C < 50 cc 16 Go/head W to E Dri M 16 Slight
Veh 1 Goods < 3.5t 27 Turning left N to E

Causation Factor:

Participant:

Confidence:

1st: Disobeyed Give Way or Stop sign or markings
2nd: Careless/Reckless/In a hurry

Vehicle 001 Very Likely
Vehicle 001 Possible

VEH 2 A MOPED WAS TRAVELLING ON B2233 TOWARDS THE OLD LABOUR IN VAIN PUBLIC HOUSE ON NYTON ROAD. AS VEH 2 APPROACHED THE TRIANGULAR JUNCTION, VEH 1 HAS EXITED FROM AN UNMARKED SIDE ROAD, AND PULLED OUT IN FRONT OF VEH 2. VEH 2 TRIED TO AVOID VEH 1 BUT COLLIDED WITH THE DRIVER'S SIDE OF VEH 1. DAMAGE WAS CAUSED AND ALSO RIDER VEH 2 WAS INJURED. ALTHOUGH DRIVER VEH 1 DID STOP AND SPEAK WITH THE RIDER, NO DETAILS WERE EXCHANGED AT SCENE. RIDER VEH 2 SUBSEQUENTLY BEEN DIAGNOSED WITH MILD WHIPLASH AND BRUISING TO LEFT SHIN.

1102742 Monday U ELMCROFT PLACE of A29 WESTERGATE STREET
02/05/2011
R1: U 0930 hrs
R2: A 29
E 493,875 Dry
N 104,737 Fine without high winds
30 mph

Veh 2 Car 35 Wait go ahead held S to N
Veh 1 Car 22 Starting S to N Dri F 22 Slight

Causation Factor:

Participant:

Confidence:

1st: Failed to look properly
2nd: Careless/Reckless/In a hurry

Vehicle 001 Very Likely
Vehicle 001 Possible

VEHICLE 2 WAS WAITING AT THE JUNCTION WHEN VEHICLE 1 DROVE INTO THE BACK OF VEHICLE 2 THINKING IT HAD MOVED OFF.

1106529 Tuesday U HOOK LANE of A29 WESTERGATE STREET (moved out of Poly from 493770
18/10/2011 104388 VET LM 11/01/12)
R1: U 0923 hrs
R2: A 29
E 493,768 Wet/Damp
N 104,382 Fine without high winds
30 mph

Veh 2 Car 79 Wait to turn left W to N
Veh 1 Car 86 Reversing W to E FSP F 81 Slight

Causation Factor:

Participant:

Confidence:

1st: Failed to look properly
2nd: Loss of control

Vehicle 001 Very Likely
Vehicle 001 Very Likely

V1 WAS PARKED ON THE OPPOSITE SIDE OF THE ROAD IN HOOK LANE, WITH THE REAR OF THE VEHICLE FACING THE A29. THE DRIVER THEN ENTERED THE VEHICLE AND FAILED TO CHECK IF THE VEHICLE WAS IN NEUTRAL, STARTED THE ENGINE AND THEN VEHICLE REVERSED AT SPEED, STRIK

Details of Personal Injury Accidents for Period - 01/04/2011 to 31/03/2016 (60) months

Selection:

Notes:

Selected using Manual Selection

Police Ref.	Day	Location Description	Vehicles							Casualties			
			Veh No	Type	Age	Manv	Dir	Class		Sex	Age	Sev	
Road No.	Date												
2nd Road No.	Time												
Grid Ref.	D/L												
	R.S.C												
	Weather												
	Speed												
	Account of Accident												
Causation Factor:													

ING V2 WHO WAS WAITING AT THE JUNCTION.

1108246 Thursday A29 WESTERGATE of U IVY LANE
22/12/2011
R1: A 29 1239 hrs
R2: U
E 493,841 Dry
N 105,233 Fine without high winds
30 mph

Veh 2	Car	20	Wait to turn right	S	to E	Dri	F	20	Slight
Veh 1	Goods < 3.5t	33	Stopping	S	to N				

Causation Factor:

Participant:

Confidence:

1st: Failed to look properly

Vehicle 001

Very Likely

VEHICLE TWO HAD STOPPED AND WAS INDICATING TO TURN RIGHT INTO IVY LANE, VEHICLE ONE DID NOT SEE VEHICLE TWO AND WENT INTO THE REAR OF VEHICLE TWO

1200538 Monday A29 WESTERGATE STREET 167m
30/01/2012 North of U ORCHARD GARDENS
R1: A 29 1521 hrs
E 493,820 Dry
N 104,668 Fine without high winds
30 mph

Veh 1	Car	66	Go/head	S	to N	Dri	F	66	Slight
-------	-----	----	---------	---	------	-----	---	----	--------

Causation Factor:

Participant:

Confidence:

1st: Loss of control

Vehicle 001

Very Likely

DRIVER OF V1 TRAVELLING NORTH ALONG THIS ROAD AND FOR REASONS UNKNOWN VEHICLE LEFT ROAD TO HER NEAR SIDE COLLIDING WITH A METAL BARRIER OUTSIDE SCHOOL CAUSING DAMAGE TO FENCE AND CAR.

1306801 Sunday A29 WESTERGATE STREET
15/12/2013 CHICHESTER 100M NORTH OF U
MEADOW WAY
R1: A 29 1649 hrs
Darkness: street lights present
E 493,862 Wet/Damp
N 104,919 Raining without high winds
30 mph

Veh 1	Car	34	Go/head	N	to S				
Veh 2	Taxi	58	Wait go ahead held	N	to S	Dri	M	58	Slight
Veh 2	Taxi	58	Wait go ahead held	N	to S	FSP	F	24	Slight
Veh 3	Car	61	Wait to turn right	N	to W	FSP	F	60	Slight

Causation Factor:

Participant:

Confidence:

1st: Failed to look properly

Vehicle 1

Very Likely

2nd: Failed to judge other persons path or speed

Vehicle 1

Possible

VEHICLE 1 TRAVELLING SOUTH ON A29. VEHICLE 3 STOPPED AND TURNING RIGHT INTO PRIVATE DRIVEWAY WITH VEHICLE 2 STOPPED BEHIND. VEHICLE 1 FAILED TO SEE VEHICLES AHEAD AND COLLIDED WITH REAR OF VEHICLE 2 WHICH COLLIDED WITH VEHICLE 3.

Details of Personal Injury Accidents for Period - 01/04/2011 to 31/03/2016 (60) months

Selection:

Notes:

Selected using Manual Selection

Police Ref.	Day	Location Description	Vehicles						Casualties		
			Veh No	Type	Age	Manv	Dir	Class	Sex	Age	Sev
Road No.	Date										
2nd Road No.	Time										
Grid Ref.	D/L										
	R.S.C										
	Weather										
	Speed										
	Account of Accident										
Causation Factor:											

1306760 Tuesday U WESTERGATE STREET
10/12/2013 WESTERGATE AT JUNCTION OF U
R1: A 29 1558 hrs OAKS CLOSE
R2: U Daylight:street lights present
E 493,856 Dry
N 104,988 Fine without high winds
30 mph

Veh 1	Car	67	Go/head	N	to S						
Veh 2	Car	87	Go/head	N	to S	RSP	F	88	Slight		
Veh 3	Car	60	Go/head	N	to S						
Veh 4	Car	42	Go/head	N	to S						

Causation Factor:

1st: Failed to judge other persons path or speed
2nd: Failed to look properly

Participant:

Vehicle 1
Vehicle 1

Confidence:

Very Likely
Possible

VEH 1 WAS TRAVELLING SOUTH BOUND ALONG WESTERGATE STREET IN A QUEUE OF TRAFFIC AND WENT INTO THE BACK OF VEH 2 WHICH WENT INTO THE BACK OF VEH 3 AND THEN 4.

1400977 Wednesday C40 HOOK LANE ALDINGBOURNE
19/02/2014 347M NORTH OF U BEECHFIELD
R1: C 40 1300 hrs PARK
Daylight:street lights present
E 493,351 Wet/Damp
N 104,798 Fine without high winds
40 mph

Veh 1	Car	48	Go/ahead LH bend	S	to NW	Dri	F	48	Serious		
-------	-----	----	------------------	---	-------	-----	---	----	---------	--	--

Causation Factor:

1st: Poor turn or manoeuvre

Participant:

Vehicle 1

Confidence:

Possible

V1 WAS TRAVELLING NORTH ALONG HOOK LANE. APPROACHED LEFT HAND BEND, MOUNTED N/SIDE VERGE, LOST CONTROL AND LEFT THE ROAD TO THE N/SIDE INTO A DITCH

1402326 Wednesday U HOOK LANE ALDINGBOURNE
30/04/2014 200M WEST OF U WESTERGATE
R1: U 0025 hrs STREET
Darkness: no street lighting
E 493,376 Dry
N 104,798 Fine without high winds
30 mph

Veh 1	Car	22	Go/head	S	to SW	Dri	M	22	Slight		
-------	-----	----	---------	---	-------	-----	---	----	--------	--	--

Causation Factor:

1st: Impaired by alcohol
2nd: Careless/Reckless/In a hurry
3rd: Loss of control

Participant:

Vehicle 1
Vehicle 1
Vehicle 1

Confidence:

Very Likely
Possible

V1 DRIVEN WESTERLY ALONG HOOK LANE HAS DRIVEN INTO 30MPH ROAD SIGN, TELEGRAPH POLE (REF GPO 28M 63)AND THEN COLLIDED WITH TREE, DRIVER AND PASSENGER AIR BAGS DEPLOYED, NO PERSONS LEFT WITH VEHICLE

Details of Personal Injury Accidents for Period - 01/04/2011 to 31/03/2016 (60) months

Selection:

Notes:

Selected using Manual Selection

Police Ref.	Day	Location Description	Vehicles						Casualties			
			Veh No	Type	Age	Manv	Dir	Class	Sex	Age	Sev	
Road No.	Date											
2nd Road No.	Time											
Grid Ref.	D/L											
	R.S.C											
	Weather											
	Speed											
	Account of Accident											
Causation Factor:												

1502007 Saturday A29 WESTERGATE STREET
11/04/2015 WESTERGATE 22M NORTH OF U
R1: A 29 2355 hrs ELMCROFT PLACE OUTSIDE ALLEY
Darkness: street lights present
E 493,850 Dry
N 104,763 Fine without high winds
30 mph

Causation Factor:

Participant:

Confidence:

1st: Failed to look properly

Casualty 1

Very Likely

VEHICLE 1 TRAVELLING NORTHWARDS IN WESTERGATE STREET. PEDESTRIAN HAS RUN FROM ALLEY WAY INTO THE PATH OF VEH 1. PEDESTRIAN HAS BEEN STRUCK CAUSING INJURY. NO DAMAGE TO VEHICLE 1.

1503085 Tuesday A29 WESTERGATE STREET
02/06/2015 EASTERGATE AT JUNCTION OF U
R1: A 29 1720 hrs ELM CROFT PLACE
R2: U Daylight:street lights present
E 493,858 Dry
N 104,746 Fine without high winds
30 mph

Causation Factor:

Participant:

Confidence:

1st: Careless/Reckless/In a hurry

Vehicle 1

Possible

2nd: Poor turn or manoeuvre

Vehicle 1

Very Likely

V1 TRAVELLING SOUTH HAS PERFORMED U TURN IN THE PATH OF V2 ALSO TRAVELLING SOUTH

1503168 Saturday A29 WESTERGATE STREET
06/06/2015 WESTERGATE 100M SOUTH OF U
R1: A 29 1300 hrs THE CORNFIELDS OUTSIDE BELLE
Daylight:street lights present
E 493,844 Dry
N 105,007 Fine without high winds
30 mph

Causation Factor:

Participant:

Confidence:

1st: Failed to look properly

Vehicle 1

Possible

2nd: Failed to judge other persons path or speed

Vehicle 1

Possible

3rd: Loss of control

Vehicle 1

Possible

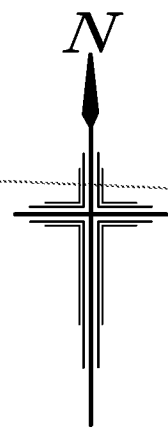
4th: Travelling too fast for conditions

Vehicle 1

Possible

V1 TRAVELLING NORTH FOR REASONS UNKNOWN COLLIDED WITH REAR OF V2 PARKED CAR TO NEARSIDE. REBOUNDED AND THEN COLLIDED WITH V3 ALSO PARKED NEARSIDE

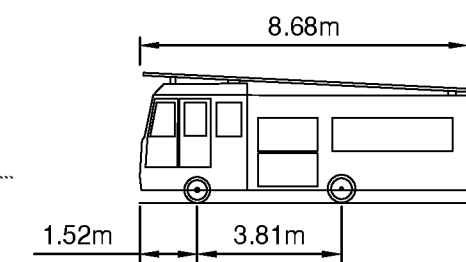
Appendix E



NOTES

1. Site layout shown in this drawing is based on Carlton Design Partnership Site Layout, drawing number 160104/SL Rev R dated 28/04/16.
2. Topographic Survey as per Siteline Provisional Survey, drawing number 36W2001A dated February 2016.
3. Layout review is subject to receipt of finalised layout proposal and the final highway layout design will be subject to the outcome of consultation with West Sussex County Council.
4. Assumed travel distances within buildings subject to receipt of detailed internal layouts.
5. Red indicates vehicle moving forward, blue indicates vehicle reversing.

VEHICLE DESCRIPTION FOR SWEEP PATH ANALYSIS



DB32 Fire Appliance
Overall Length 8.680m
Overall Width 2.180m
Overall Body Height 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



SCALE BAR 1:500 at A1

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Rev.	Date	Details	By	Chkd	Appd
E	16.05.16	Drawing revised to latest site layout. Tracking revised to suit.	AC	KJ	TS
D	18.04.16	Drawing revised to latest site layout. Tracking revised to suit.	AC	TS	TS
C	12.04.16	Drawing revised to latest site layout. Tracking revised to suit.	AC	TS	TS
B	07.04.16	Drawing revised to latest site layout. Tracking revised to suit.	AC	TS	TS
A	21.03.16	Drawing revised to latest site layout. Tracking revised to suit.	AC	TS	TS

Client:-



Site:-
Hook Lane
Westergate
West Sussex

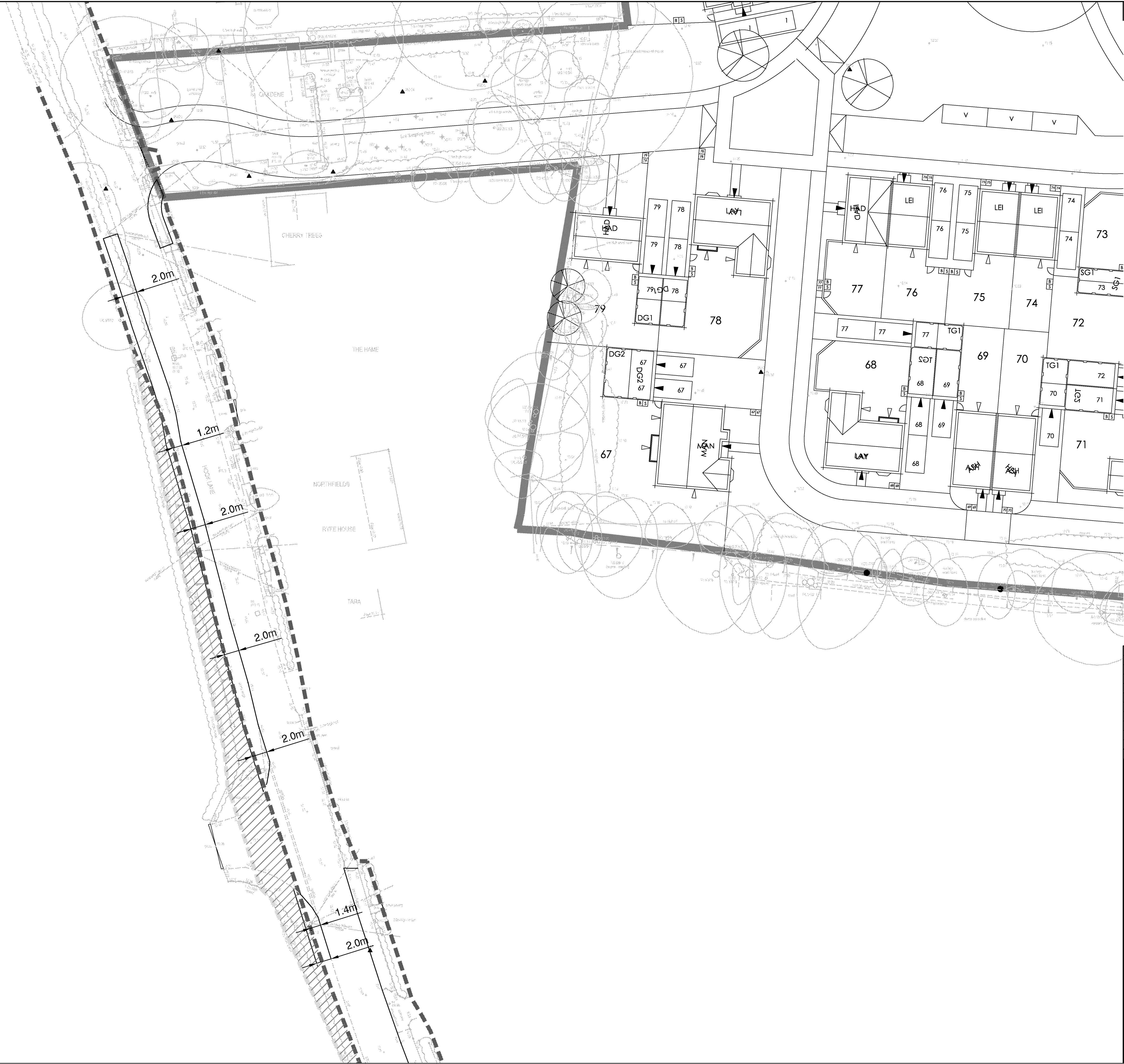
Drawing Title:-
FIRE TENDER
SWEEP PATH
ANALYSIS

Date: February 2016 Scales: 1:500 at A1
Drawn: AC Checked: TS Approved: TS

Drawing No. BSO/E4462/002 E

PRELIMINARY
WORK IN PROGRESS

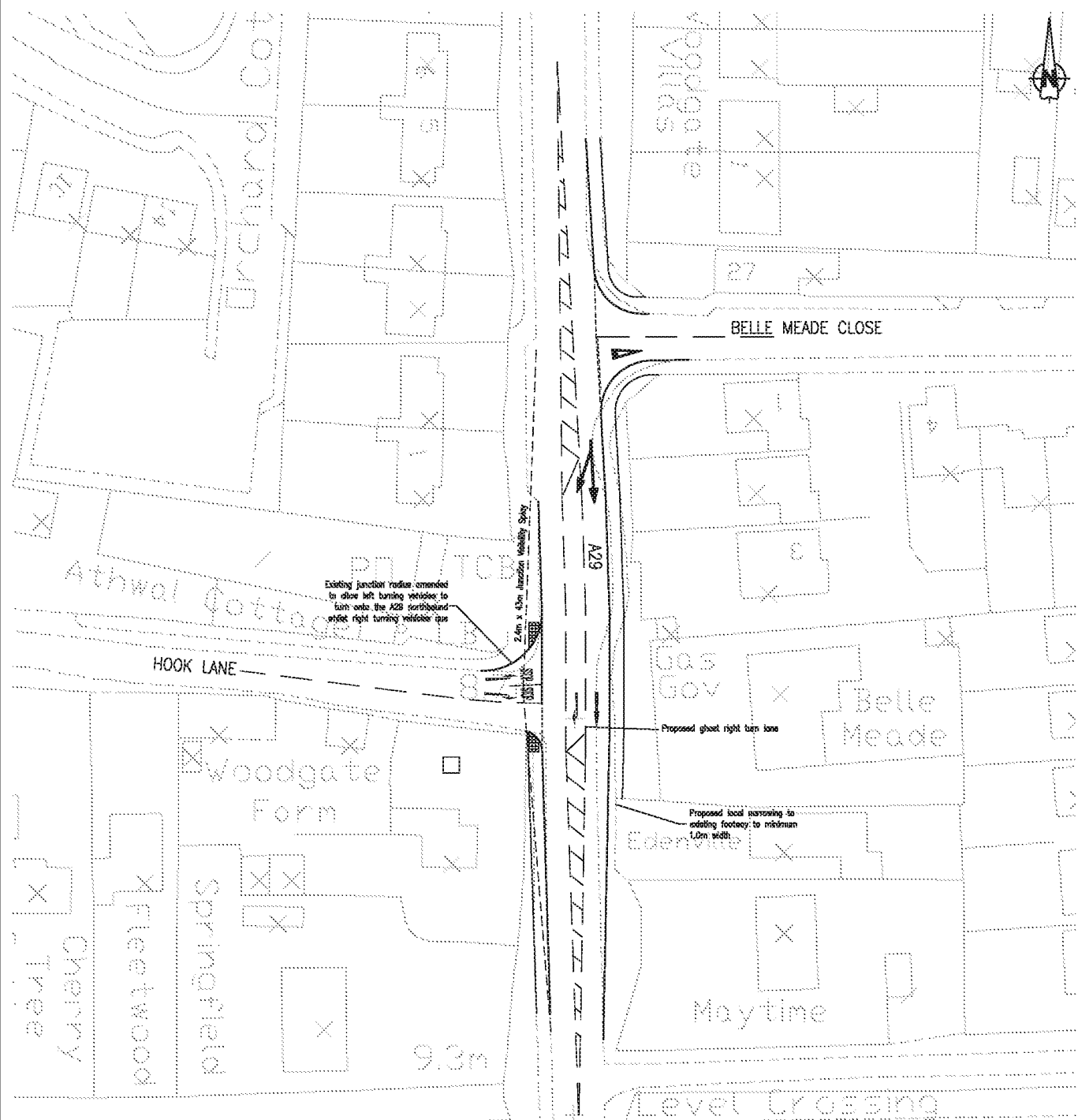
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the old school old school road
hook hampshire rg27 9nj
t 01256 769269 e mail@rcpcconsultants.co.uk
f 01256 769046 w rcpcconsultants.co.uk



1. Layout review based on layout provided by Carlton Design Partnership
2. Topographic Survey as per Siteline Site Survey

	Site Boundary
	Highway Boundary
	Land Registry Boundary
	Land between Land Boundary and Highway Boundary

ARUN DISTRICT COUNCIL AU107/18/RES



NOTES

- 1.) Do not scale from this drawing.
- 2.) This survey has been created using mapping data secured by a third party contractor. Brookbanks Consulting Ltd cannot be held responsible for the accuracy of this data.

Rev.	Revision Details	Drawn	Checked	Approved	Date
PRELIMINARY					25-09-13
Issue Status		Approved		Date	
Drawn	RM	Checked	AE	Date	23-09-13



Hallam Land Management

Land at Westergate

Hook Lane Junction Improvements
Option 2

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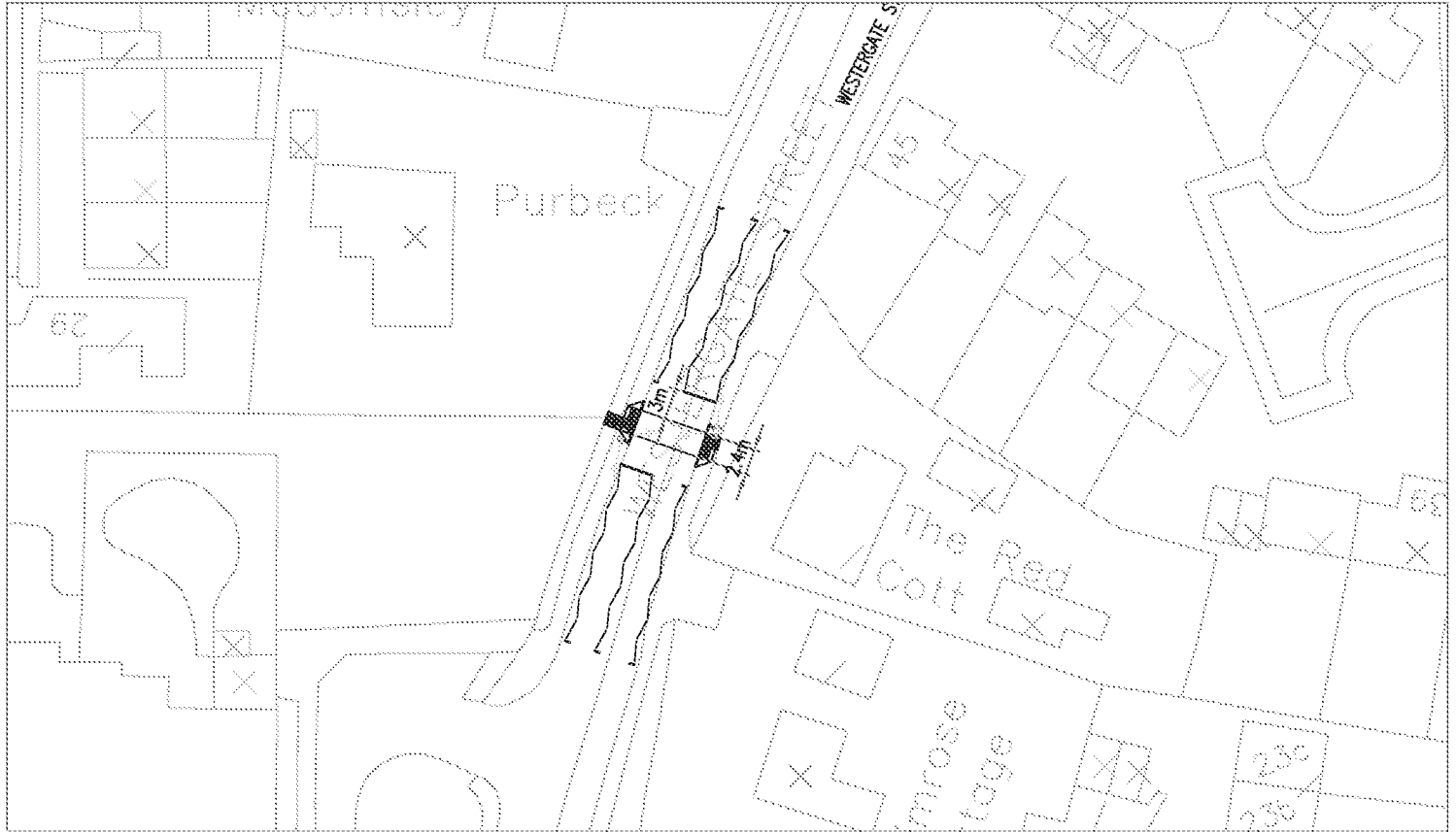
Brookbanks
Consulting

8150 Knights Court, Solihull Parkway, Birmingham B37 7WY
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Scale
1:500

Drawing No.
1313/SK/20

Rev.
-



Hallam Land Management

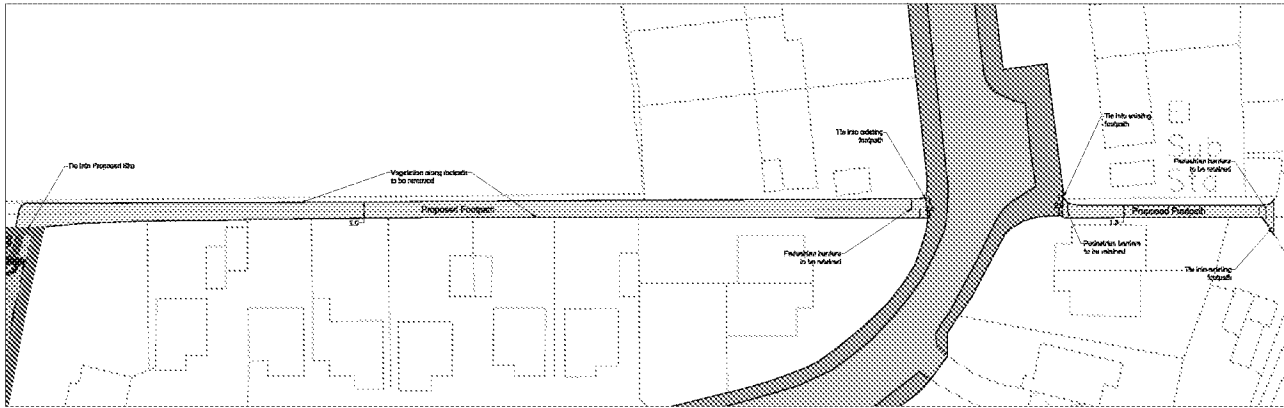
Land at Westergate

Proposed Westergate Street Puffin Crossing

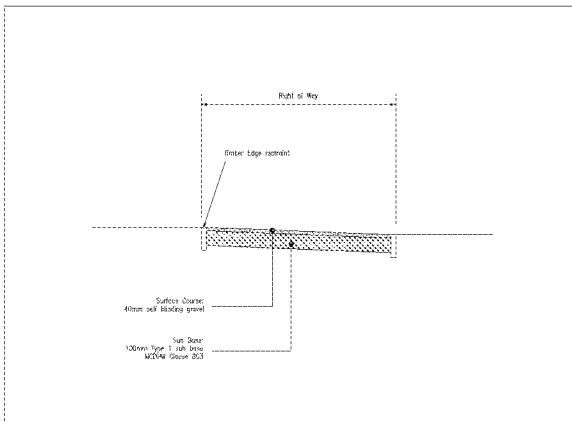
Drawn	AM	PRELIMINARY	18/07/2013
Checked	AE	Issue Status	Approved Date
Date	03/05/13	Scale	1:500@A4
		Drawing No.	1313/SK21

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Proposed public right of way - western general arrangement. (1:250)



Footpath construction cross-section



Vegetation to be removed



Pedestrian barriers to be retained

- NOTES**
- 1.) Do not scale from this drawing.
 - 2.) This drawing has been created using missing data secured by a third party contractor. Brookbanks Consulting Ltd cannot be held responsible for the accuracy of this data.
 - 3.) All dimensions in metres unless stated otherwise.

KEY

- Site Boundary
- Proposed Footpath
- Existing Footpath
- Existing Highway
- Pedestrian Barrier



Rev	Particulars	By	Check	Date
1	PRELIMINARY	DAK	SEP 13	
2	Issue Status	Approved	Drawn	Drawn
3	Drawn	CA	Checked	AE
4	Issue	23.08.13		

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Method: Laser Monitoring

Proposed Development

Land at Westergate

Existing Public Right of Way

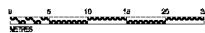
Western General Arrangement

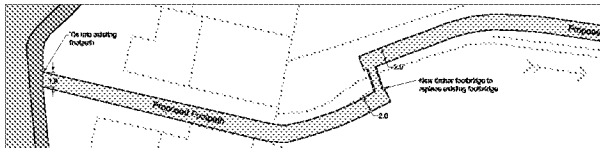
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As Shown

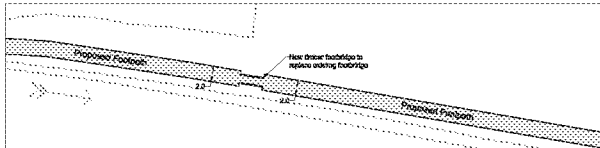
1313-GA-02

Rev

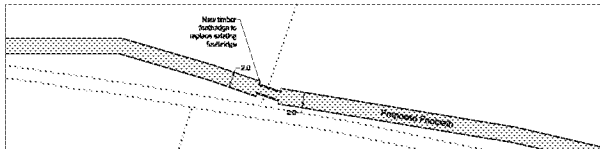




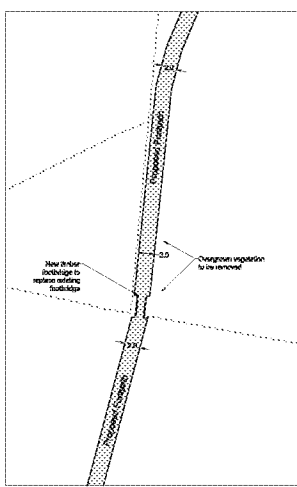
(A) Proposed public right of way - Eastern general arrangement A. (1:250)



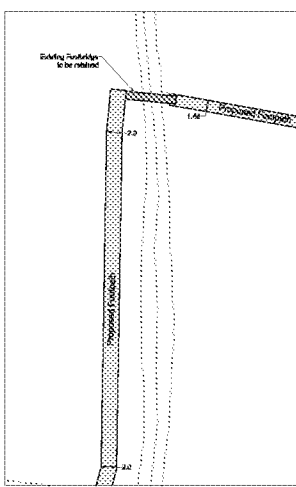
(B) Proposed public right of way - Eastern general arrangement B. (1:250)



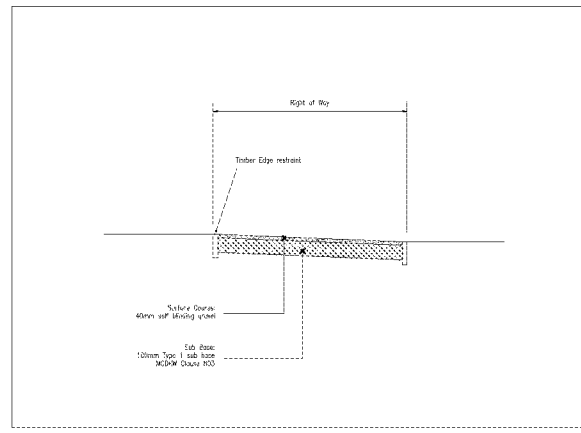
(C) Proposed public right of way - Eastern general arrangement C. (1:250)



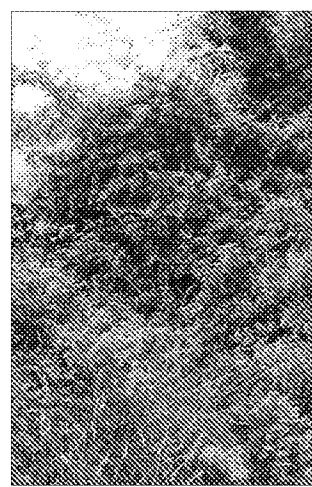
(D) Proposed public right of way - Eastern general arrangement D. (1:250)



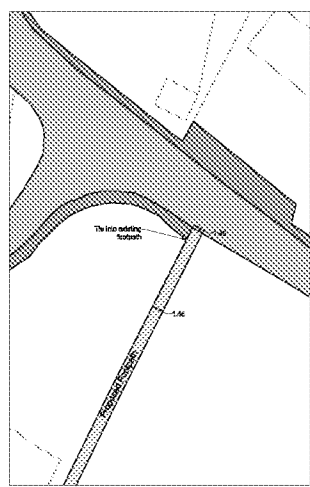
(E) Proposed public right of way - Eastern general arrangement E. (1:250)



Footpath construction cross-section

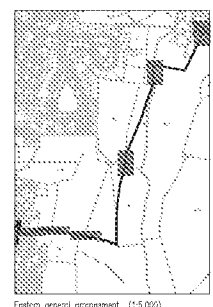
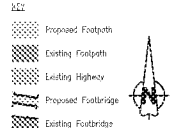


Vegetation to be removed as identified in general arrangement D.



(F) Proposed public right of way - Eastern general arrangement F. (1:250)

- NOTES**
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Eastern general arrangement (1:5,000)

Rev	Revised Details	Rev	Rev	Rev
1		1		1

PRELIMINARY **DATE** SEP 15

Drawn By: **CA** Checked: **AE** Date: 23.09.15

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Project: Local Authorities

Proposed Development
Land at Westergate

Existing Public Right of Way
Eastern General Arrangement

Scale: 1:1000
As Shown

1313-GA-03

