

Guildford Local Plan: Strategy and Sites

Id-3 Matters and Issues for Examination

Statement on behalf of the University of Surrey

May 2018

APPENDICES

Terence O'Rourke

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APPENDIX A

Re-assignment to use local managed access to west Guildford

Appendix A – Re-assignment to use local managed access to west Guildford

Quantifying the Use of the A31 Access

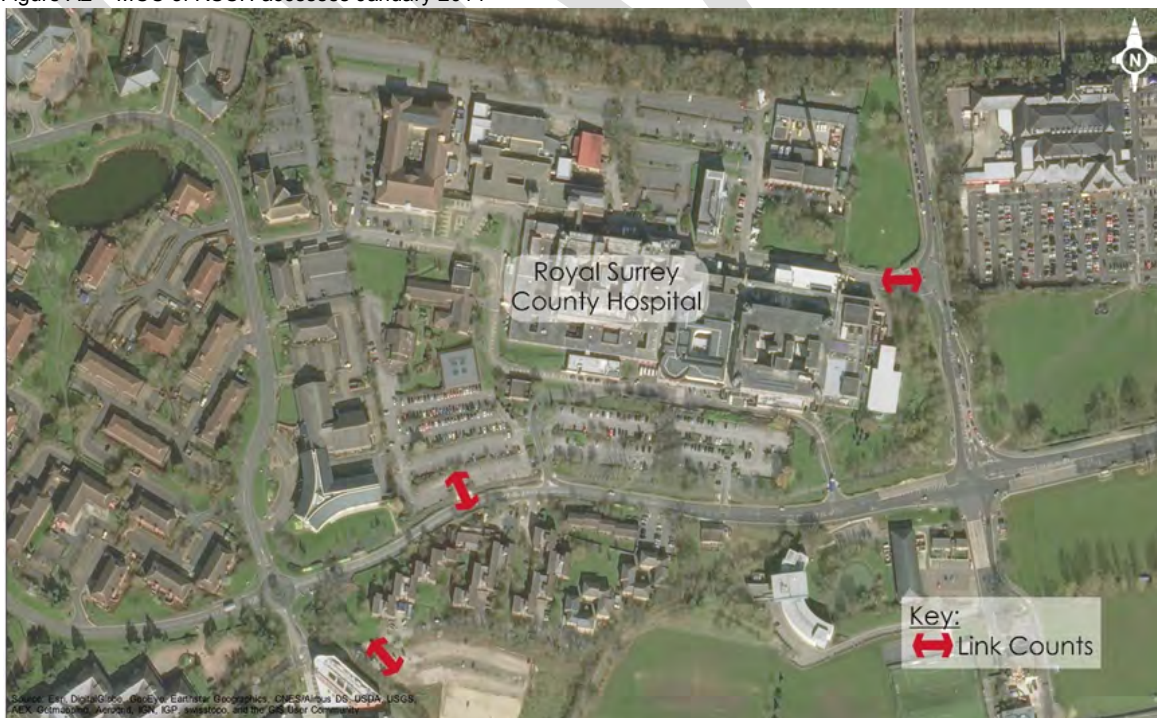
Recent traffic counts are shown below:

- Manual Classified Count of the access to the Research Park in May 2017
- Manual Classified Count of the access to Manor Park and Hospital Parking from Rosalind Franklin Close in May 2017
- Manual Classified Count of RSCH accesses north of Gill Avenue in January 2014

Figure A1 – MCC of Research Park Access May 2017



Figure A2 – MCC of RSCH accesses January 2014



	Surrey Research Park	Royal Surrey County Hospital	Total
AM 08:00 – 09:00 (Inbound)	928	405	1,333
PM 17:00 – 18:00 (Outbound)	770	298	1,068

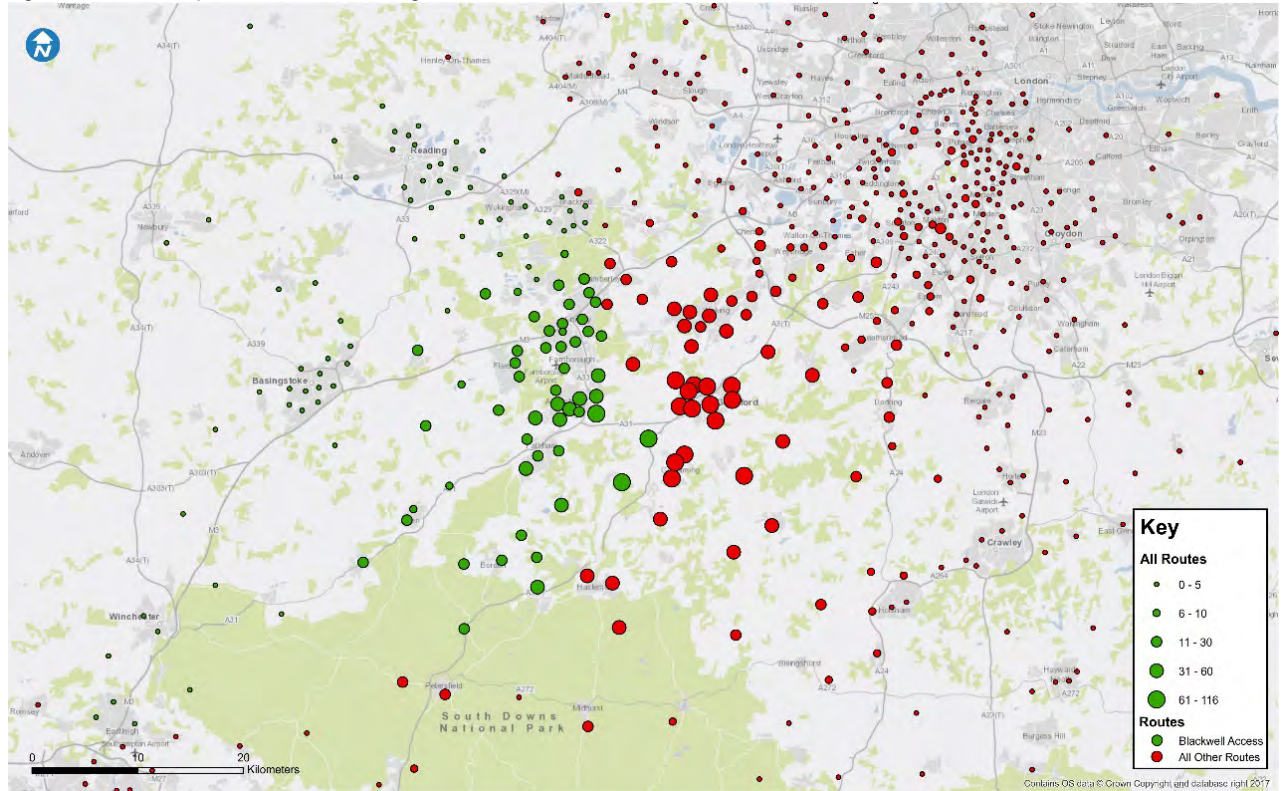
Table A1 Count results

2011 Census Journey to Work Analysis

Figure A3 2011 Census Output Area



Figure A4 Census Split of West / South Origins



	South and West	Guildford / North / East	Total
Number of car driver trips	1538	3804	5342
Percentage	29%	71%	100%

Table A2 Split of Origin of Journeys to Work

Calculation of relief to the A3 resulting from local road access to western Guildford

	Surrey Research Park AM	Royal Surrey County Hospital AM	Total AM
Total number of vehicle trips	928	405	1,333
29% redistributed to new A31 access	269	117	386

Table A3 Relief to the Existing Road Network AM Peak

	Surrey Research Park PM	Royal Surrey County Hospital PM	Total PM
Total number of vehicle trips	770	298	1,068
29% redistributed to new A31 access	223	86	309

Table A4 Relief to the Existing Road Network PM Peak

APPENDIX B

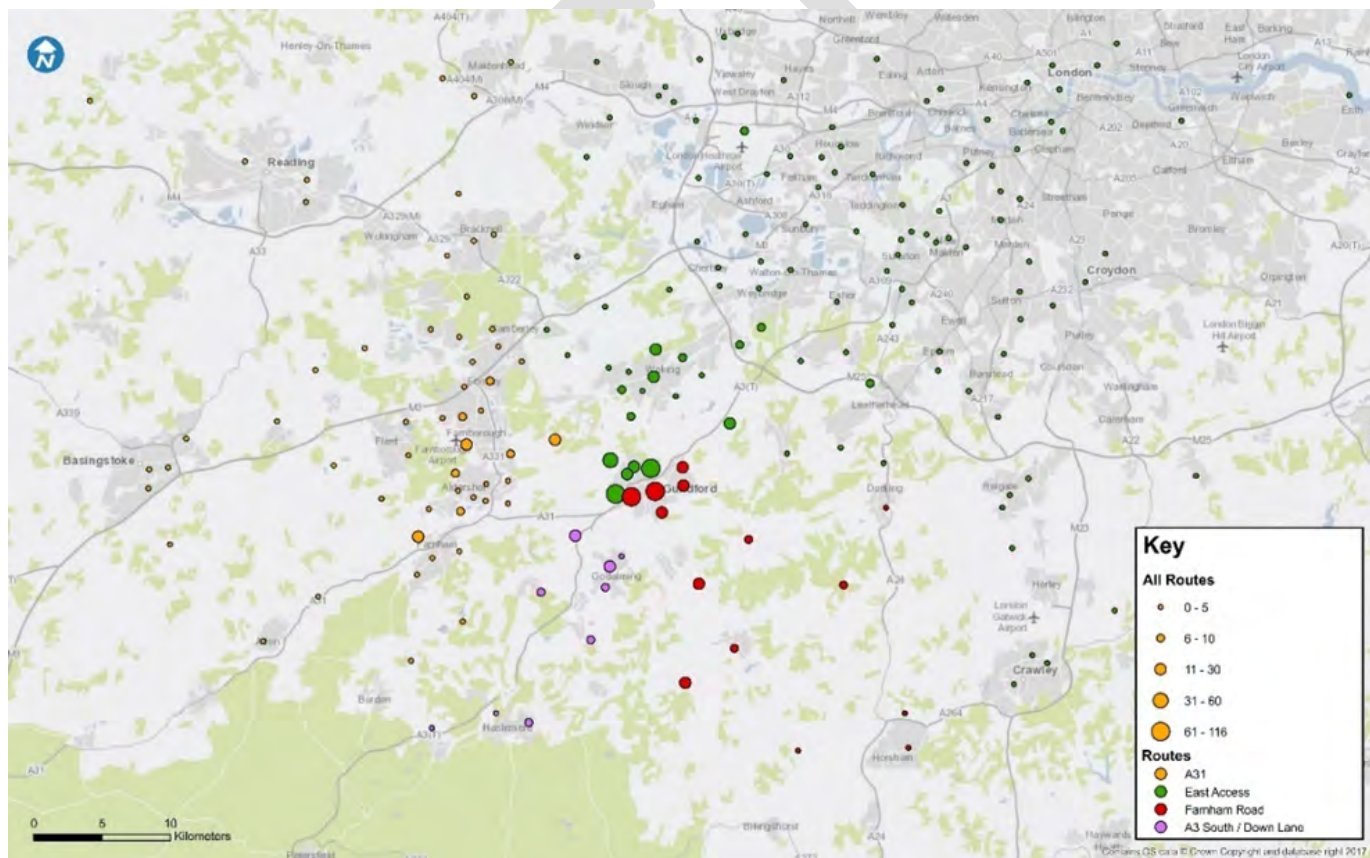
Blackwell Farm Housing Trips to A3

Appendix B – Blackwell Farm Housing Trips to A3

	AM Peak Hour (08:00 – 09:00)			PM Peak Hour (17:00 – 18:00)		
	Arrive	Depart	Two-way	Arrive	Depart	Two-way
Private Housing	152	432	584	364	165	529
CCRC	31	12	43	18	25	43
Key Worker	15	42	57	35	16	51
Total vehicle Trips	198	486	684	417	206	623

Table B1 – Site Trip Generation (note without allowance for mode shift)

Figure B1 – Census Data Plot

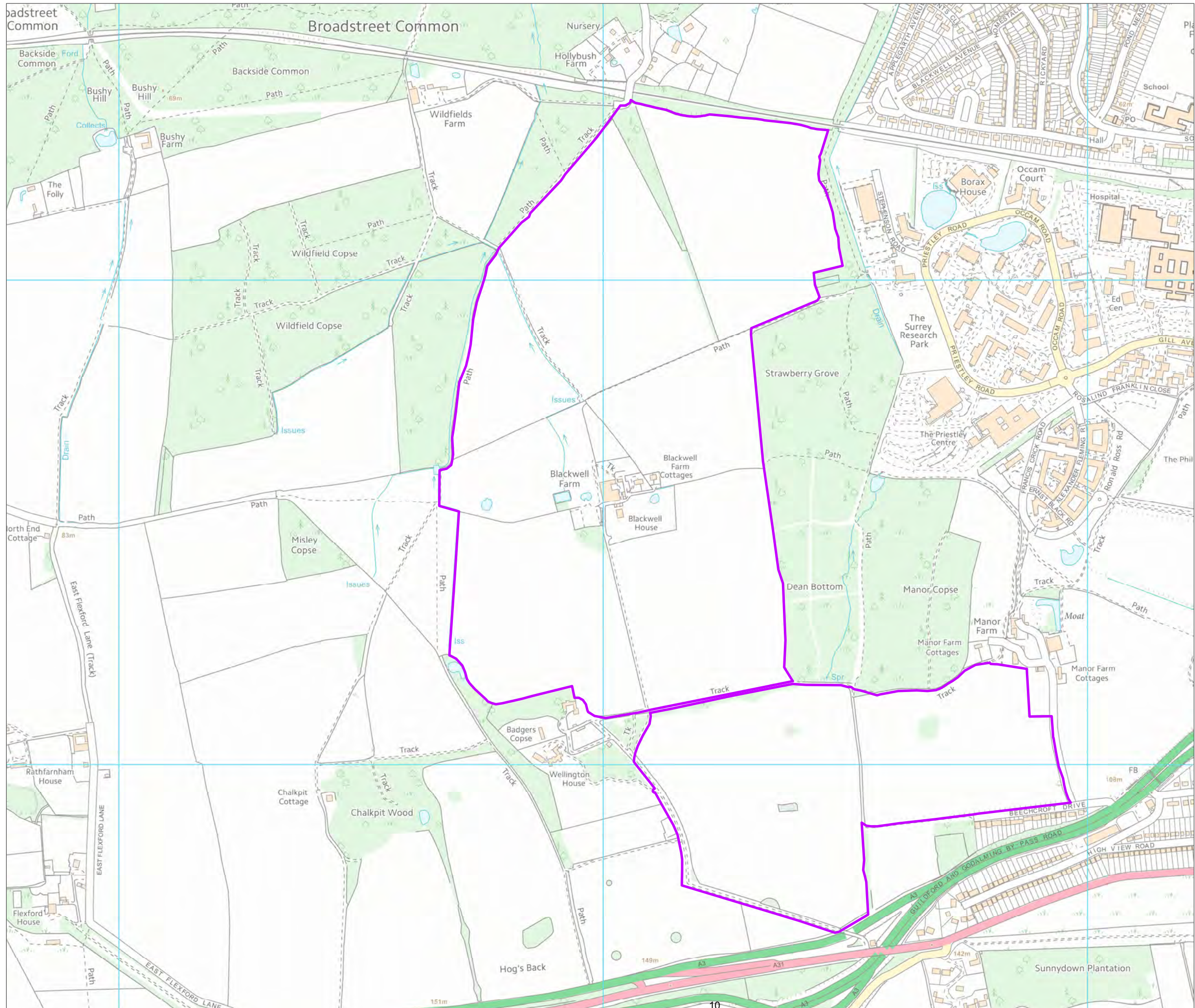



	A3 trunk road	A31 west	B3000	Egerton Road Guildford	Farnham Road east	Total
Percentage	32%	17%	8%	14%	29%	100%

Table B1 – Housing Development Vehicular Distribution

APPENDIX C

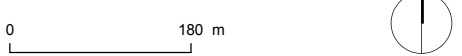
Draft local plan site 60 boundary



 Draft local plan site 60 boundary

Site 60

University of Surrey



Dwgno/	Revision	
	Drawn by: JC	Checked by: SM
Scale: 1:7,500 @A3		

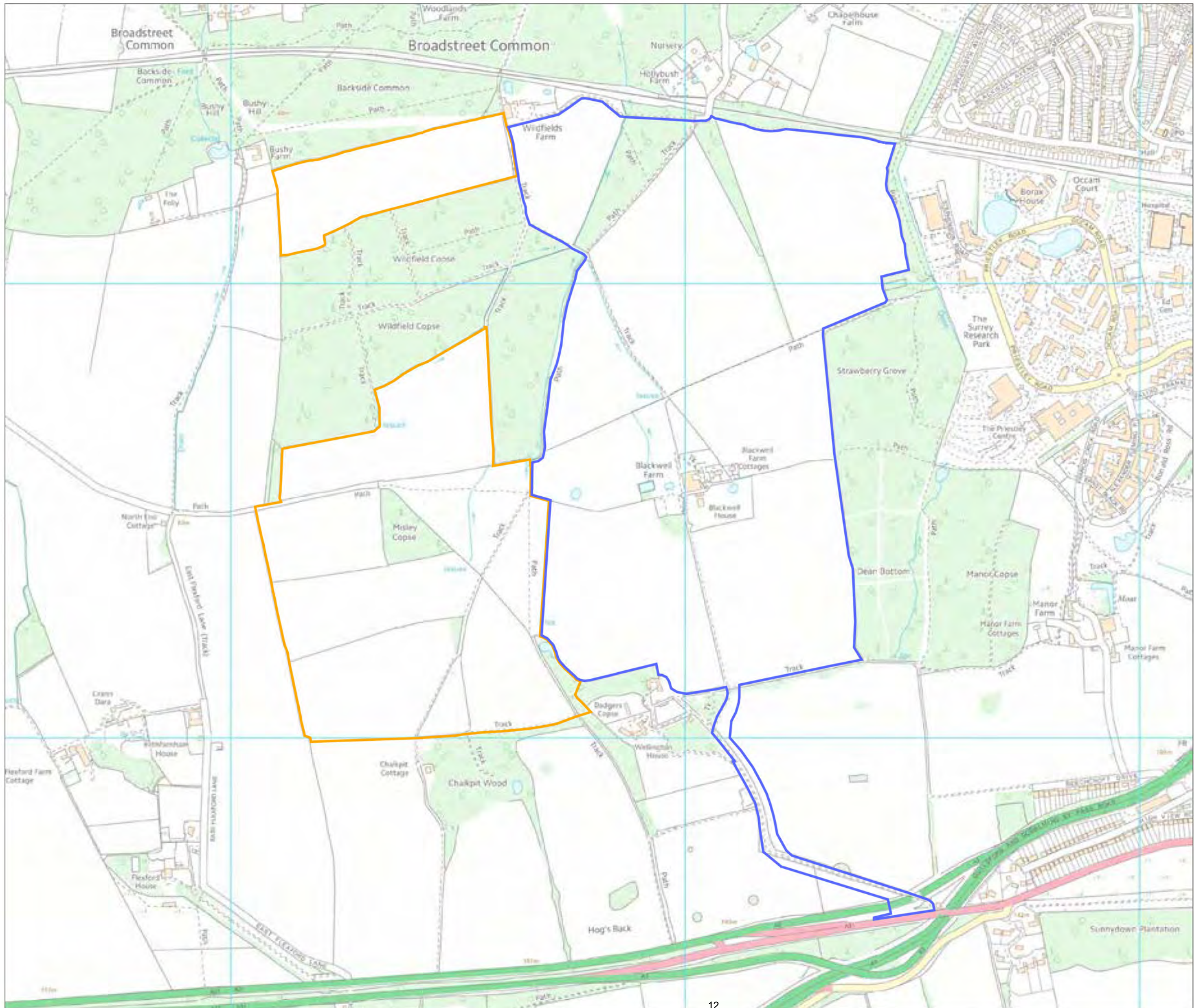
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APPENDIX D

Additional land at Blackwell Farm



- Current site A26 boundary (87.4 ha)
- Proposed safeguarded land (51.5 ha)

Annex 1 to local plan comments, site A26
University of Surrey



Dwg no/	Revision	
11 July 2016	Drawn by: JC	Checked by: SM
Scale: 1:8,000 @A3		

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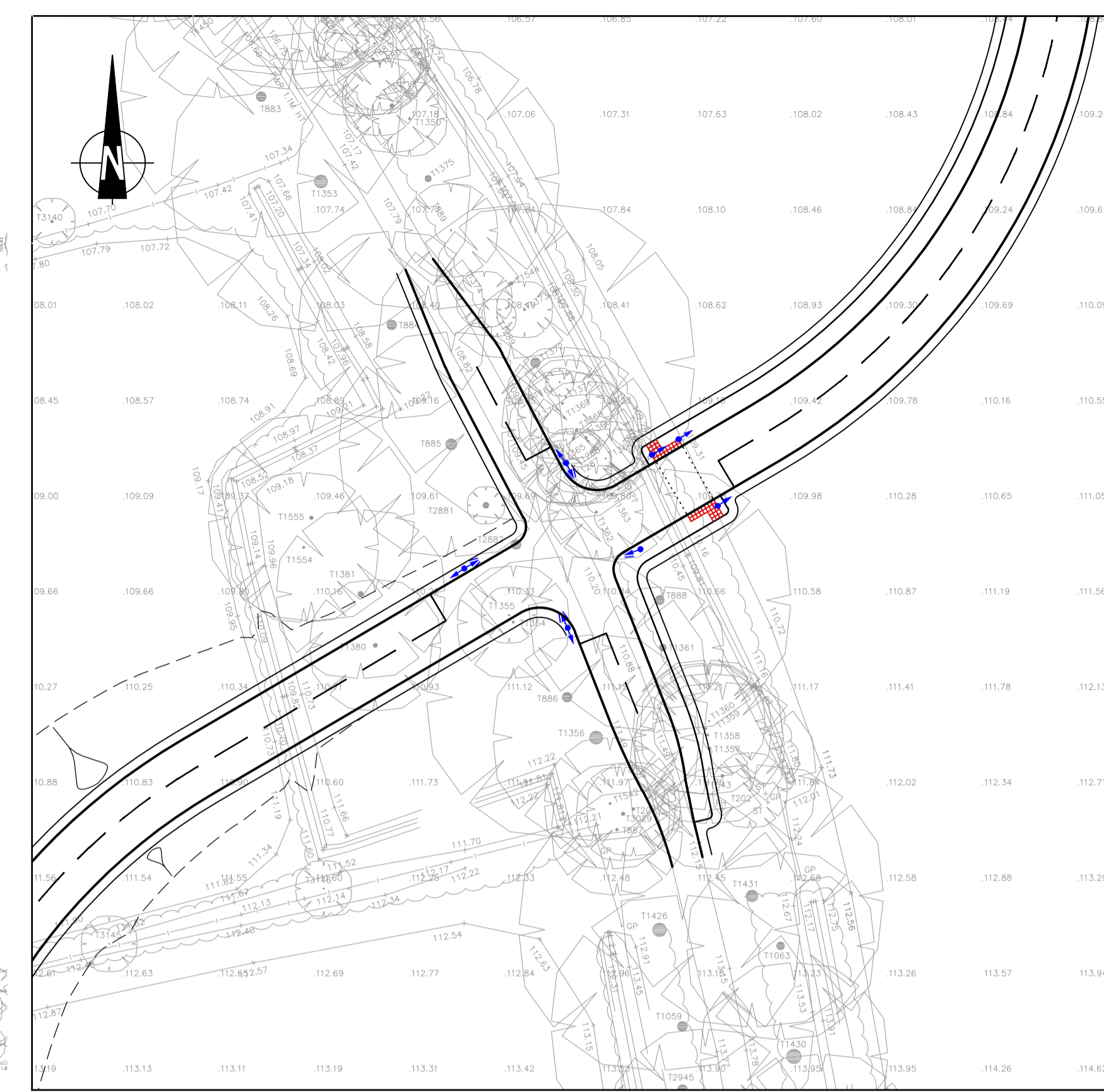
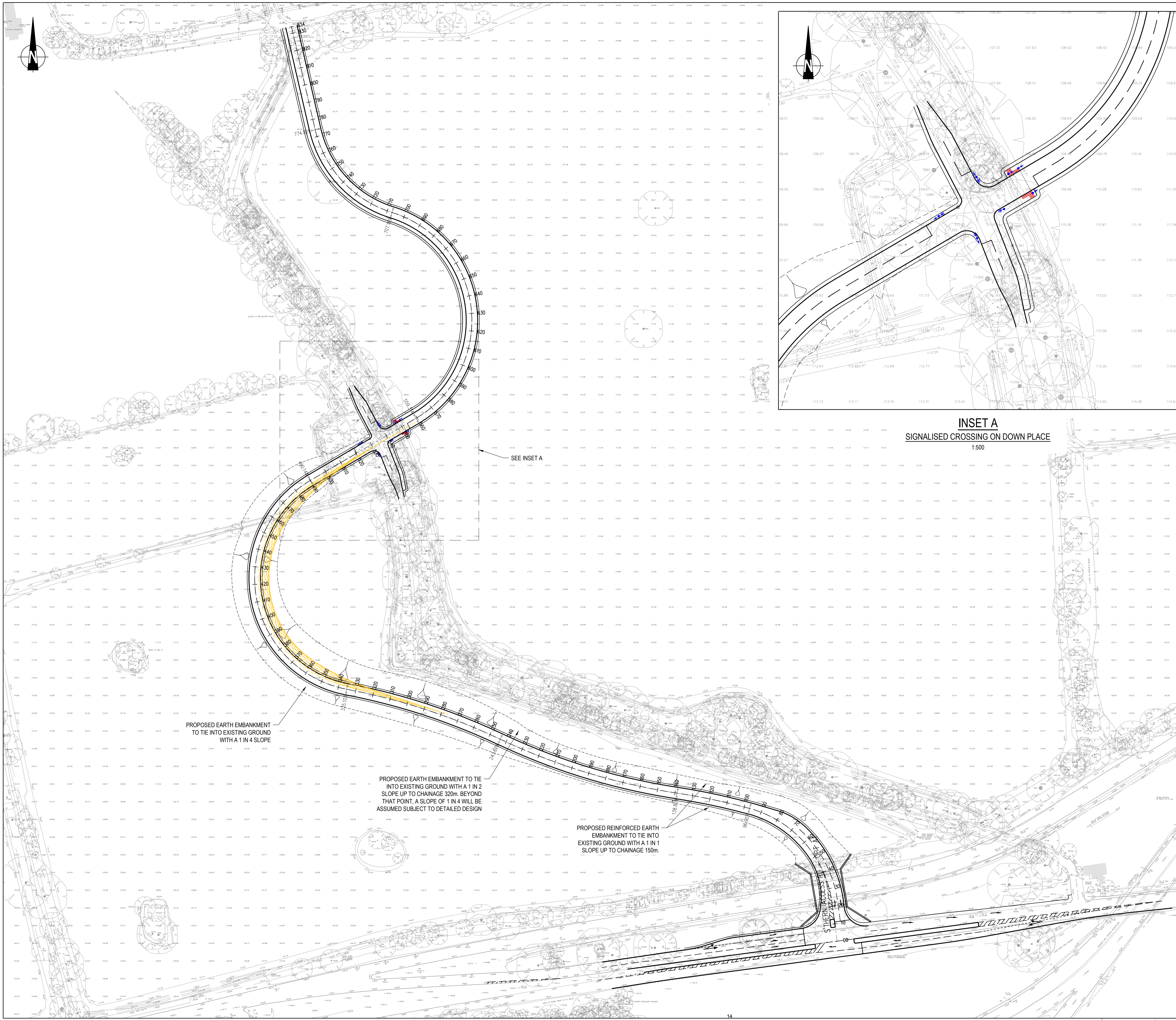
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APPENDIX E

A31concept design



INSET A
SIGNALISED CROSSING ON DOWN PLACE
1:500

- NOTES:**
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 - ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
 - DESIGN CRITERIA BASED ON MANUAL FOR STREETS 2, DESIGN SPEED 60kph (37mph) WITH A HORIZONTAL CURVE OF 64m (4 STEPS BELOW TD 9/93), A VERTICAL CREST CURVE OF 6.5k (2 STEPS BELOW TD 9/93) AND A MAXIMUM GRADIENT OF 8% (1:12.5) WHICH IS REGARDED AS A PRACTICAL MAXIMUM.
 - JUNCTION VISIBILITY LINES HAVE NOT BEEN ASSESSED AT THIS STAGE
 - FOR LONGITUDINAL SECTION, REFER TO DRAWING No. 40700/2001/SK010

KEY:

- CENTRELINE AND CHAINAGE
- FORWARD VISIBILITY SPLAY OF 59m FOR A DESIGN SPEED OF 60kph (DERIVED FROM MANUAL FOR STREETS)


WORK IN PROGRESS

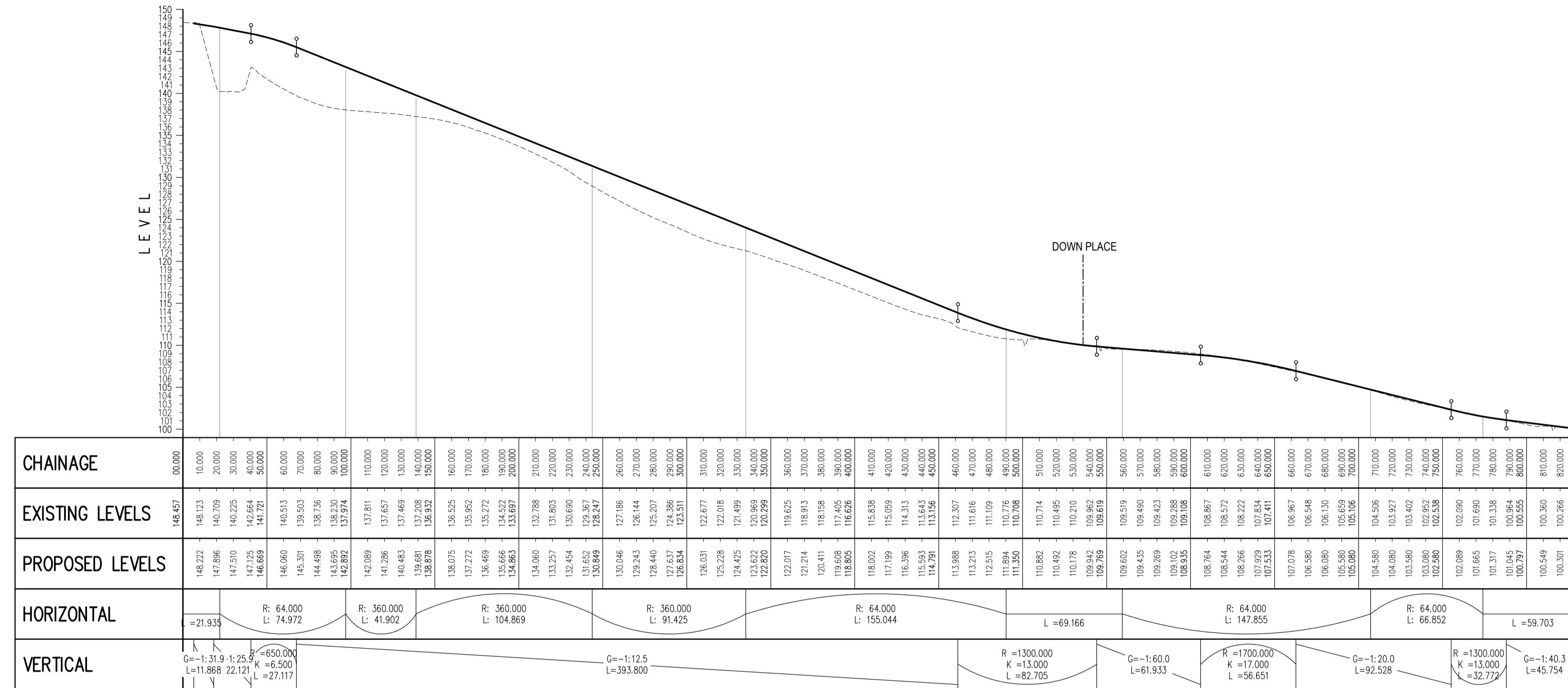
B	EMBANKMENTS AMENDED	05.02.18	SG	PJG	PJG
A	ALIGNMENT AMENDED AND FORWARD VISIBILITY ADDED	26.01.18	SG	PJG	PJG
Mark	Revision	Date	Drawn	Chkd	Appd

SCALING NOTE: Do not scale from this drawing. If in doubt, ask.
 UTILITIES NOTE: The position of any existing public or private sewers, utility services, plant or apparatus shown on this drawing is believed to be correct, but no warranty to this is expressed or implied. Other such plant or apparatus may also be present but not shown. The Contractor is therefore advised to undertake their own investigation where the presence of any existing sewers, services, plant or apparatus may affect their operations.

Drawing Issue Status
FOR INFORMATION

BLACKWELL PARK, GUILDFORD
SOUTHERN ACCESS ROAD
HORIZONTAL ALIGNMENT

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Date of 1st Issue 16.01.2018	Designed SG	Drawn SG	
A1 Scale 1:1000	Checked PJG	Approved -	
Drawing Number 40700/2001/SK009	Revision B		



S' THERN ACCESS RD
SCALE: H 1:2000, V 1:400. DATUM: 99.000

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 - FOR HORIZONTAL ALIGNMENT, REFER TO DRAWING No. 40700/2001/SK009

KEY:
 - - - - - EXISTING GROUND PROFILE
 ————— PROPOSED GROUND PROFILE

WORK IN PROGRESS

Mark	Revision	Date	Drawn	Chkd	Appd
A	LONGSECTION UPDATED	26.01.18	SG	PJG	PJG

SCALING NOTE: Do not scale from this drawing. If in doubt, ask.
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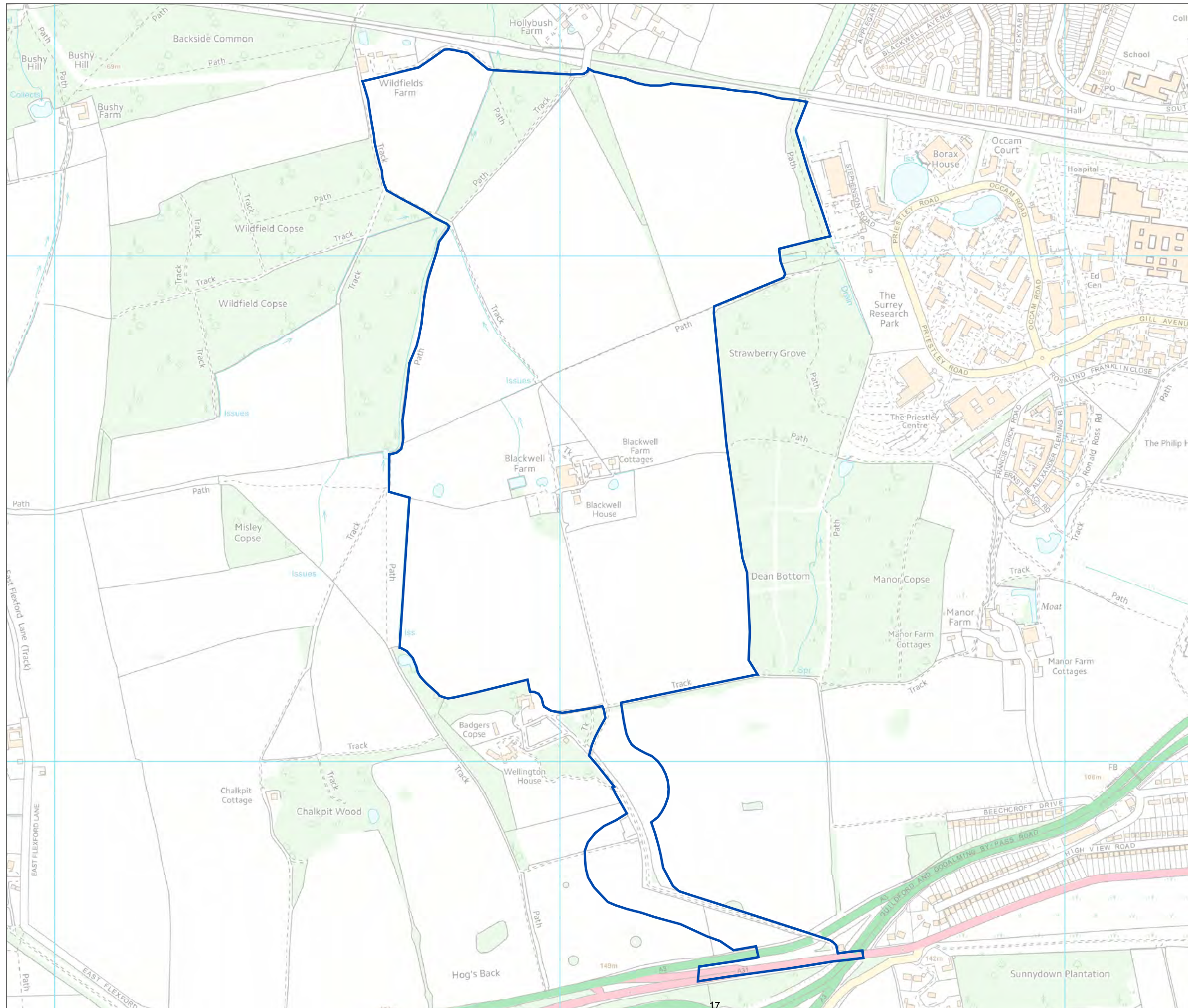
Drawing Issue Status
FOR INFORMATION


BLACKWELL PARK, GUILDFORD
 SOUTHERN ACCESS ROAD
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Drawing Number 40700/2001/SK010	Revision A		

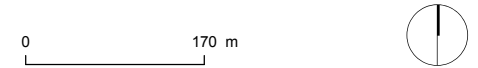
APPENDIX F

Proposed main modification to Policy A26 boundary.



 Site boundary

Policy A26 Boundary
University of Surrey



156110/RL/040518	Revision	
04 May 2018	Drawn by: JC	Checked by: SM
Scale: 1:7,191 @A3		

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APPENDIX G

Illustrative master plan and aerial perspective view: Blackwell Farm



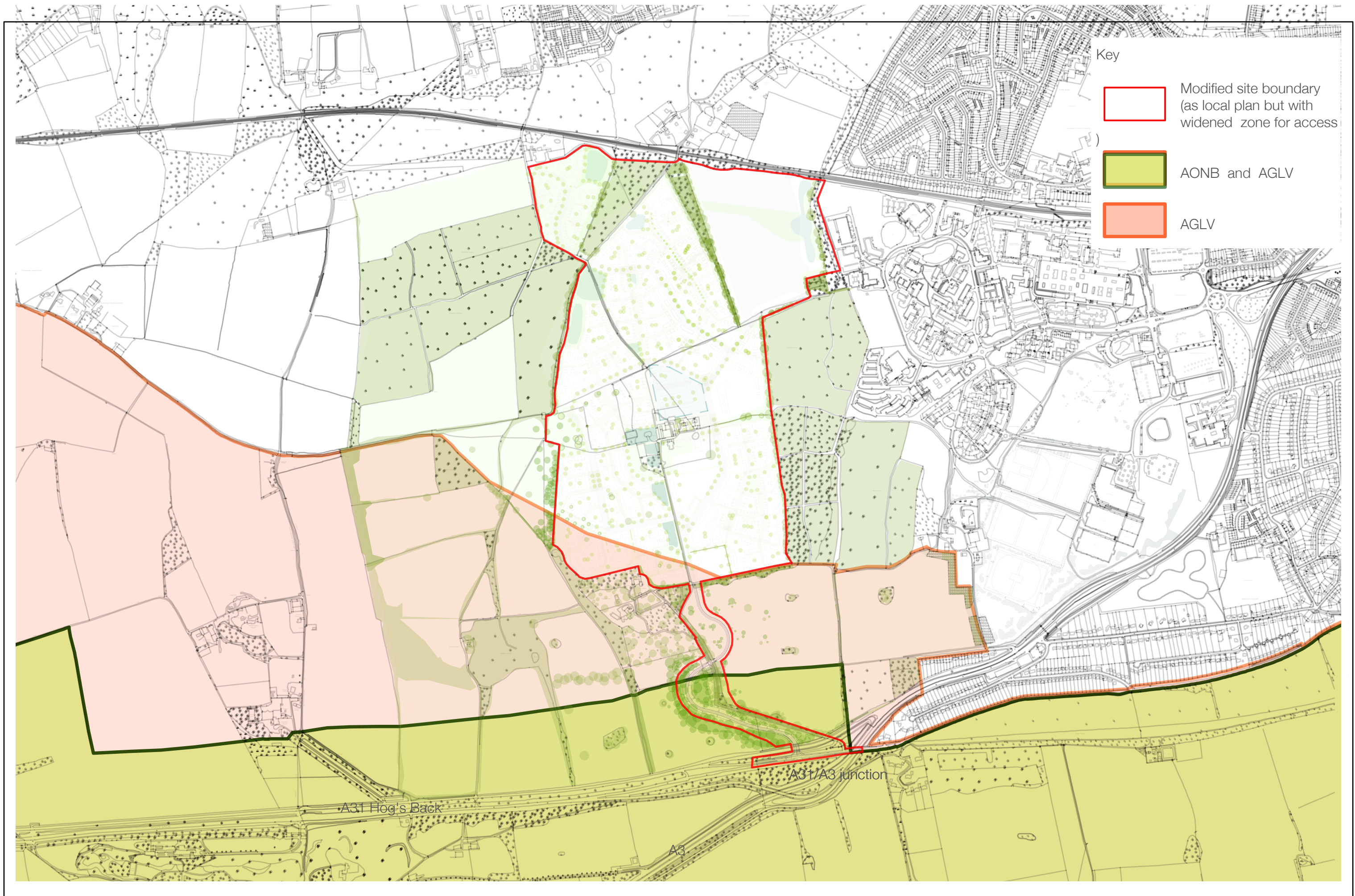
Key

Modified site boundary
(as local plan but with widened zone for access)



APPENDIX H

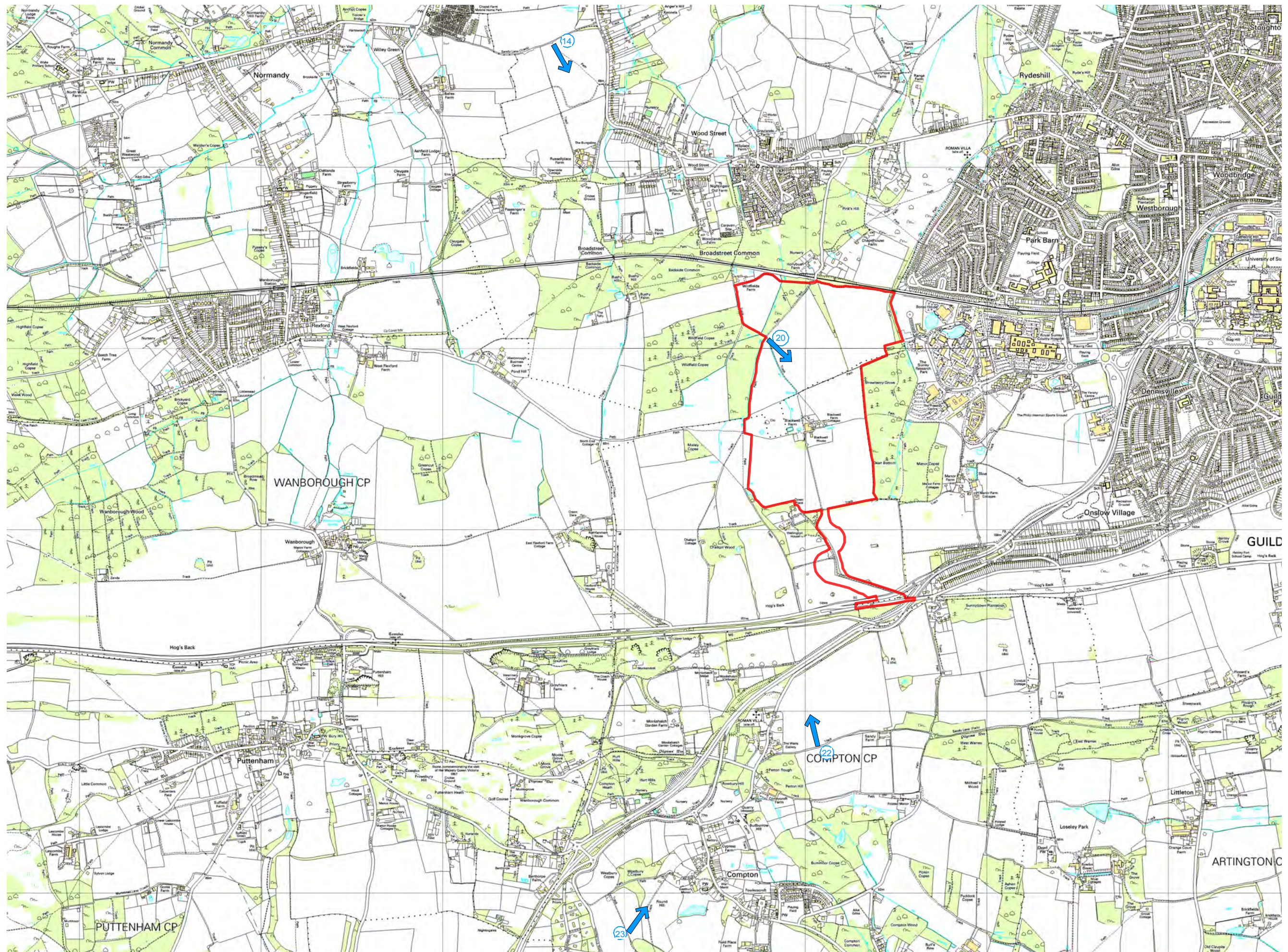
ACONB boundary: Blackwell Farm



- Key
- Modified site boundary (as local plan but with widened zone for access)
 - AONB and AGLV
 - AGLV

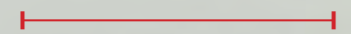
APPENDIX I

Views of the access road





Proposed road alignment will be hidden behind tree belts along the existing Blackwell Farm access lane



RV14 - View from PROW 2km north of site towards Hog's Back



RV20 - View south towards Hog's Back Road from RROW within site



Proposed road alignment junction will be screened by
vegetation between A3 and A31

RV22 - View from AONB looking north east towards Hog's Back



RV23 - View from AONB looking north east towards Hog's Back