

ADDENDUM NO. 1

18 MAY 2021

PRELIMINARY ARBORICULTURAL IMPACT ASSESSMENT AT NURSERY FIELDS, CHALCRAFT LANE, BOGNOR REGIS

- 1.1 Since the submission of the previous Preliminary AIA on 29 October 2020, two Tree Preservation Orders (TPO/BE/1/21 and TPO/BE/3/20) have been issued by Arun District Council, which cover several of the trees throughout the site. Therefore, written permission must be obtained from Arun District Council prior to commencing any work that may affect the condition of the protected trees, including any ground works adjacent to them. This change is reflected in Appendix 1: Tree Survey Schedule and Appendix 3: Tree Constraints Plan.
- 1.2 Also appended is Plan 2: S106 Access Road Phasing Plan showing the following improvements to the public right of way FP136, which runs between point D to point C, as follows:
- 2-metre-wide sealed surface footway from point D to point B.
 - 4-metre-wide sealed surface footway/cycleway from point B to point C; and
 - where physical constraints exist (e.g., tree root protection areas with 2m clearance), the existing public right of way will be retained as is or return to grass and an alternative sealed surface route alignment provided.
- 1.3 Also shown on the Access Road Phasing Plan is the possible future road link at point G, which will be at least 2 m from the edge of the RPAs of the trees here.
- 1.4 Subject to enclosing our October 2020 Preliminary AIA alongside this Addendum, with the documents supporting the new planning application, we can confirm that there have been no changes to either legislation or policy which would alter the assessment and conclusions set out in our October 2020 Preliminary AIA. We can also confirm that we are content from an Arboricultural perspective with the proposed improvements to FP136 and with the possible future road link, as set out above.

A. T. Coombes NDF, MSc (Arb & Urban For), FICFor, PDarb (RFS) MARborA

A.T. Coombes Associates Ltd

18 May 2021



**APPENDIX 1-
TREE SURVEY SCHEDULE**

**SITE: NURSERY FIELDS, CHALCRAFT LANE,
BOGNOR REGIS**

SURVEY COMPLETED: 15/05/20 and 29/05/20

1	2	3	4	5	6				7	8	9	10	11	12	13	14	15	16
Tree No.	Species	Ht (m)	Stem dia (mm)	No of Stems	Branch Spread				Height and Direction of First Branch (m)	Mean Canopy Ht	Life Stage	Physiological Condition	Structural Condition	Preliminary Tree work	Estimated remaining contribution (Yrs)	Cat grading	Radius of RPA (m)	RPA (sq m)
					N	E	S	W										
T1	Goat willow	8.0	295	6	5.0	4.0	5.0	5.0	-	2.5	EM	Good	Moderate - multi-stemmed	-	20+	C1	3.5	39.4
T2	Monterey cypress	18.8	890	1	6.6	6.2	4.9	6.0	3.8 N	2.0	M	Fair - dieback throughout crown	Moderate - codominant stems	Remove loose and dangerous deadwood	20+	B1	10.7	358.4
T3	Leyland cypress	19.0	950	7	5.0	5.9	5.0	5.2	-	2.9	M	Good	Moderate - multi-stemmed	-	20+	B1	11.4	408.3
T4	Leyland cypress	17.4	842	4	4.5	4.6	4.5	5.1	-	3.3	M	Fair	Moderate - multi-stemmed, minor deadwood	Remove loose and dangerous deadwood	20+	B1	10.1	320.7
T5	Oak	9.9	580	1	4.4	8.1	7.0	7.5	2.2 N	1.8	M	Good	Good - minor deadwood	-	20+	B1	7.0	152.2
T6	Field maple	9.2	686	3	8.4	5.9	8.1	6.5	1.6 N	1.8	M	Good	Good	-	20+	B1	8.2	213.1
T7	Goat willow	10.5	310	1	4.3	1.5	3.8	5.5	4.0 NW	7.5	EM	Good	Good	-	20+	C2	3.7	43.5
T8	Crack willow	14.1	450	1	5.5	5.5	5.5	5.5	3.5 N	4.5	EM	Good	Good	-	20+	B2	5.4	91.6
T9	New Zealand privet	7.7	565	7	5.0	4.9	5.1	5.5	-	3.2	M	Good	Good	-	20+	B1	6.8	144.4
T10	Hawthorn	6.5	300	1	4.3	1.5	0.0	2.0	1.8 N	4.0	M	Fair - heavy ivy	Moderate - lean to north	Sever ivy at base	20+	B2	3.6	40.7
T11	Oak	6.7	300	1	3.5	3.0	3.0	3.0	-	2.5	EM	Fair	Moderate - suppressed	-	20+	B2	3.6	40.7
T12	Crack willow	10.3	208	3	3.0	3.0	3.0	3.0	3.0 E	6.0	EM	Good	Moderate - multi-stemmed	-	20+	B2	2.5	19.5

SURVEYED BY A.T. COOMBES ASSOCIATES

denotes estimated dimensions due to lack of access to tree

Sheet 1 of 7

**APPENDIX 1-
TREE SURVEY SCHEDULE**

**SITE: NURSERY FIELDS, CHALCRAFT LANE,
BOGNOR REGIS**

SURVEY COMPLETED: 15/05/20 and 29/05/20

1	2	3	4	5	6				7	8	9	10	11	12	13	14	15	16
Tree No.	Species	Ht (m)	Stem dia (mm)	No of Stems	Branch Spread				Height and Direction of First Branch (m)	Mean Canopy Ht	Life Stage	Physiological Condition	Structural Condition	Preliminary Tree work	Estimated remaining contribution (Yrs)	Cat grading	Radius of RPA (m)	RPA (sq m)
					N	E	S	W										
T13	Oak	9.0	520	1	3.5	4.3	3.0	3.6	2.8 N	4.0	EM	Fair - previous failures in crown	Moderate - minor deadwood, previous failures in crown, large stem wounds	-	20+	B2	6.2	122.3
T14	Ash	10.5	250	1	6.8	4.8	0.5	4.0	3.5 E	2.0	EM	Good	Moderate - suppressed	-	20+	B2	3.0	28.3
T15	Oak	8.3	290	1	4.0	3.2	4.0	5.4	2.5 N	0.8	SM	Good	Good	-	20+	B2	3.5	38.1
T16	Oak # (TPO)	14.6	671	2	7.0	6.0	8.3	6.0	3.2 E	4.5	M	Good	Good	-	20+	B2	8.0	203.6
T17	Ash #	13.7	350	3	6.6	8.0	7.9	4.0	3.8 S	3.5	M	Good	Good - minor deadwood, <i>Daldinia concentrica</i>	-	20+	B2	4.2	55.4
T18	Cherry #	6.3	141	2	3.5	4.5	4.0	2.0	-	1.2	SM	Good	Good	-	20+	C1	1.7	9.0
T19	Ash #	11.0	500	1	7.0	7.0	7.0	7.0	-	3.0	EM	Good	Good - ivy	-	20+	B2	6.0	113.1
T20	Ash	11.1	519	2	6.1	6.5	6.5	6.9	2.8 W	1.8	M	Good	Good - multi-stemmed	-	20+	B1	6.2	122.0
T21	Ash (TPO)	11.5	500	1	4.0	7.0	8.4	4.0	2.0 S	4.0	EM	Good	Good - <i>Daldinia concentrica</i> present on one stem	-	20+	B1	6.0	113.1
T22	Oak # (TPO)	10.7	600	1	6.7	6.7	6.7	6.7	2.5 S	3.7	EM	Good	Good	-	20+	B2	7.2	162.9
T23	Hawthorn #	8.0	200	1	3.0	3.0	3.0	3.0	-	4.0	EM	Good	Good	-	20+	C2	2.4	18.1
T24	Oak # (TPO)	14.5	566	2	7.0	8.2	7.5	4.0	5.0 E	3.5	EM	Good	Good	-	20+	B2	6.8	144.8
T25	Oak	10.0	600	1	6.0	6.0	6.0	6.0	1.2 W	3.5	EM	Good	Good	-	20+	B2	7.2	162.9
T26	Field maple	8.7	311	2	4.5	4.5	4.5	4.5	3.5 W	4.0	EM	Good	Good	-	20+	B2	3.7	43.8

SURVEYED BY A.T. COOMBES ASSOCIATES

denotes estimated dimensions due to lack of access to tree

Sheet 2 of 7

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BOGNOR REGIS**

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					N	E	S	W										
T27	Cherry	8.0	294	2	3.5	3.5	3.5	3.5	2.0 S	2.0	EM	Good	Moderate - multi-stemmed	-	20+	B2	3.5	39.2
T28	Aspen	16.5	764	2	6.5	6.5	6.5	6.5	2.8 S	1.2	M	Good	Moderate - multi-stemmed, deadwood	Remove loose and dangerous deadwood	20+	B1	9.2	264.1
T29	White willow	14.5	776	3	6.5	6.5	6.5	6.5	2.8 S	1.2	M	Good	Moderate - multi-stemmed, deadwood	Remove loose and dangerous deadwood	20+	B1	9.3	272.1
T30	White willow #	14.5	900	1	8.5	8.5	8.5	8.5	1.0 S	0.0	M	Good	Moderate - multi-stemmed	-	20+	B1	10.8	366.5
G1	Mixed hedge #	6.0	100	1	2.0	2.0	2.0	2.0	-	2.0	SM	Good	Good	-	20+	C2	1.2	4.5
G2	Hawthorn, variegated sycamore #	5.0	100	1	2.0	2.0	2.0	2.0	-	2.0	SM	Good	Good	-	20+	C2	1.2	4.5
G3	Field maple	10.0	700	6	6.2	4.7	5.9	6.7	-	2.0	M	Good	Moderate - deadwood	Remove loose and dangerous deadwood	20+	B2	8.4	221.7
G4	Hawthorn, ash	7.0	200	1	3.0	3.0	3.0	3.0	-	2.0	SM	Good	Good	-	20+	C2	2.4	18.1
G5	Hawthorn, cherry, ash, goat willow	11.0	300	1	4.0	4.0	4.0	4.0	-	4.0	EM	Good	Good	-	20+	B2	3.6	40.7
G6	Goat willow	10.0	275	1	6.0	3.0	3.0	3.0	-	2.0	EM	Good	Good - ivy, leaning	-	20+	C2	3.3	34.2

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Sheet 3 of 7

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Tree No.	Species	Ht (m)	Stem dia (mm)	No of Stems	Branch Spread				Height and Direction of First Branch (m)	Mean Canopy Ht	Life Stage	Physiological Condition	Structural Condition	Preliminary Tree work	Estimated remaining contribution (Yrs)	Cat grading	Radius of RPA (m)	RPA (sq m)
					N	E	S	W										
G7	Ash x3	13.0	400	1	7.6	7.0	7.0	7.0	-	6.5	M	Good	Good - multiple woodpecker holes, old coppice stools	-	20+	B2	4.8	72.4
G8	Ash x2, willow	13.0	495	2	8.5	6.0	6.0	6.0	-	4.5	M	Fair - possible ash dieback	Moderate - multi-stemmed	-	20+	B2	5.9	110.8
G9	Field maple x2, hawthorn x1 #	10.0	325	1	3.0	3.0	3.0	3.0	-	4.5	M	Good	Good - fallen tree adjacent	Clear up fallen tree	20+	B2	3.9	47.8
G10	Hazel x3, hawthorn x1 #	10.0	208	3	3.0	3.0	3.0	3.0	-	2.5	EM	Good	Good	-	20+	B2	2.5	19.5
G11	Oak x2 (TPO)	14.5	700	1	8.0	8.0	8.0	8.0	-	2.5	M	Good	Good	-	20+	B2	8.4	221.7
G12	Field maple x2	10.5	250	2	6.5	6.5	4.0	5.7	-	2.5	M	Good	Good	-	20+	B2	3.0	28.3
G13	Hawthorn, hazel #	6.0	100	3	2.5	2.5	2.5	2.5	-	2.0	SM	Good	Good	-	20+	C2	1.2	4.5
G14	Hawthorn	6.5	150	3	3.0	3.0	3.0	3.0	-	2.5	EM	Good	Good	-	20+	C2	1.8	10.2
G15	Field maple x2, hawthorn x1	9.0	370	1	5.0	5.0	5.0	5.0	-	2.5	EM	Good	Good	-	20+	B2	4.4	61.9
G16	Cherry x5	9.5	180	1	3.0	3.0	3.0	3.0	-	5.0	SM	Good	Good - base of stems buried by newly formed mound	Clear mound away from trees	10+	C2	2.2	14.7
G17	Ash x4 #	12.3	400	1	7.0	7.0	7.0	7.0	-	2.5	EM	Good	Good - possible coppice stool	-	20+	B3	4.8	72.4
G18	Field maple, oak #	11.5	350	1	3.5	3.5	4.5	6.0	-	2.5	EM	Good	Good	-	20+	B2	4.2	55.4

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Sheet 4 of 7

**APPENDIX 1-
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**SITE: NURSERY FIELDS, CHALCRAFT LANE,
BOGNOR REGIS**

SURVEY COMPLETED: 15/05/20 and 29/05/20

1	2	3	4	5	6				7	8	9	10	11	12	13	14	15	16
Tree No.	Species	Ht (m)	Stem dia (mm)	No of Stems	Branch Spread				Height and Direction of First Branch (m)	Mean Canopy Ht	Life Stage	Physiological Condition	Structural Condition	Preliminary Tree work	Estimated remaining contribution (Yrs)	Cat grading	Radius of RPA (m)	RPA (sq m)
					N	E	S	W										
G19	Field maple, ash, hawthorn	10.0	180	2	3.0	4.0	3.0	5.2	-	1.8	SM	Good	Good	-	20+	B2	2.2	14.7
G20	Ash, oak, grey alder, field maple, aspen	15.0	300	1	5.0	5.0	5.0	5.0	-	1.8	EM	Good	Good - one fallen tree at southern end	Fell fallen tree hungup at southern end	20+	B2	3.6	40.7
G21	Hazel x2	8.0	201	5	6.0	4.0	4.7	4.0	-	1.8	EM	Good	Good	-	20+	B2	2.4	18.3
G22	Hawthorn x2	4.0	127	2	2.0	2.0	2.0	2.0	-	1.8	SM	Good	Good	-	20+	C2	1.5	7.3
G23	Aspen, willow, ash, field maple	18.0	400	1	6.5	6.5	6.5	6.5	-	3.5	EM	Good	Good	-	20+	B2	4.8	72.4
G24	Aspen, field maple	11.0	120	1	4.5	4.5	4.5	4.5	-	3.5	SM	Good	Good	-	20+	C2	1.4	6.5
G25	Oak x2 (TPO)	10.0	500	1	6.5	6.5	6.5	6.5	-	3.0	EM	Good	Good	-	20+	B2	6.0	113.1
G26	Field maple, hawthorn, ash, elder	7.0	175	1	3.0	3.0	3.0	3.0	-	1.5	SM	Good	Good - ivy	-	20+	C2	2.1	13.9
G27	Ash x2	8.5	200	1	4.0	4.0	4.0	4.0	-	3.0	SM	Good	Good	-	20+	C2	2.4	18.1
G28	Oak x3 (TPO)	14.5	630	1	9.0	9.0	9.0	9.0	-	4.0	EM	Good	Good	-	20+	B2	7.6	179.6
G29	Hawthorn	5.5	180	1	2.5	2.5	2.5	2.5	-	2.5	SM	Good	Good - lapsed hedgerow	-	10+	C2	2.2	14.7
G30	Hawthorn, field maple	9.0	300	1	4.0	4.0	4.0	4.0	-	4.0	SM	Good	Good	-	20+	B2	3.6	40.7
G31	Ash x2	15.0	583	3	10.0	10.0	11.0	10.0	-	2.8	M	Good	Moderate - multi-stemmed	-	20+	B1	7.0	153.8
G32	Oak x2 (TPO)	16.0	500	1	10.0	10.0	10.0	10.0	-	4.5	M	Good	Good	-	20+	B1	6.0	113.1
G33	Field maple	10.5	250	1	5.0	5.0	5.0	5.0	-	4.0	EM	Good	Good	-	20+	B2	3.0	28.3
G34	Field maple	9.5	255	2	4.5	4.5	4.5	4.5	-	4.5	SM	Good	Good	-	10+	C2	3.1	29.3

SURVEYED BY A.T. COOMBES ASSOCIATES

denotes estimated dimensions due to lack of access to tree

Sheet 5 of 7

**APPENDIX 1-
TREE SURVEY SCHEDULE**

**SITE: NURSERY FIELDS, CHALCRAFT LANE,
BOGNOR REGIS**

SURVEY COMPLETED: 15/05/20 and 29/05/20

1	2	3	4	5	6				7	8	9	10	11	12	13	14	15	16
Tree No.	Species	Ht (m)	Stem dia (mm)	No of Stems	Branch Spread				Height and Direction of First Branch (m)	Mean Canopy Ht	Life Stage	Physiological Condition	Structural Condition	Preliminary Tree work	Estimated remaining contribution (Yrs)	Cat grading	Radius of RPA (m)	RPA (sq m)
					N	E	S	W										
G35	Hawthorn, hazel	6.0	100	1	2.0	2.0	2.0	2.0	-	1.8	SM	Fair	Moderate - deadwood	-	10+	C2	1.2	4.5
G36	Field maple x4	8.0	283	2	4.2	4.2	4.2	4.2	-	5.0	SM	Good	Good	-	20+	B2	3.4	36.2
G37	Field maple, ash, oak (TPO)	12.5	495	2	6.5	6.5	6.7	6.5	-	4.5	EM	Good	Good	-	20+	B2	5.9	110.8
G38	Hawthorn, goat willow, field maple	8.5	346	3	5.0	5.0	5.0	5.0	-	4.5	SM	Good	Good - some multi-stemmed	-	20+	B2	4.2	54.3
G39	Ash, field maple	10.0	300	1	3.5	3.5	3.5	3.5	-	3.5	EM	Good	Good	-	20+	B2	3.6	40.7
G40	Lombardy poplar x2	15.5	400	1	2.5	2.5	2.5	2.5	-	0.5	EM	Good	Good	-	20+	B2	4.8	72.4
G41	Oak, ash, lime, alder	13.0	300	1	5.0	5.0	5.0	5.0	-	1.0	EM	Good	Good	-	20+	B2	3.6	40.7
G42	Oak, ash, rowan, horse chestnut, lime	10.0	300	1	5.0	5.0	5.0	5.0	-	3.0	EM	Good	Good	-	20+	B2	3.6	40.7
G43	White willow	10.1	400	1	5.5	5.5	5.5	5.5	-	2.5	EM	Good	Moderate - multi-stemmed	-	20+	B2	4.8	72.4
G44	White willow	15.5	800	1	8.5	8.5	8.5	8.5	-	3.5	M	Good	Moderate - multi-stemmed	-	20+	B2	9.6	289.6
G45	White willow	11.2	400	1	8.0	8.0	8.0	8.0	-	1.0	EM	Good	Moderate - multi-stemmed	-	20+	B2	4.8	72.4
H1	Hawthorn	3.5	0															
H2	Hawthorn, hazel	4.5	0									Fair	Scrappy hedge with sporadic trees					
H3	Hawthorn	4.0	0															

SURVEYED BY A.T. COOMBES ASSOCIATES

denotes estimated dimensions due to lack of access to tree

Sheet 6 of 7

**APPENDIX 1-
TREE SURVEY SCHEDULE**

**SITE: NURSERY FIELDS, CHALCRAFT LANE,
BOGNOR REGIS**

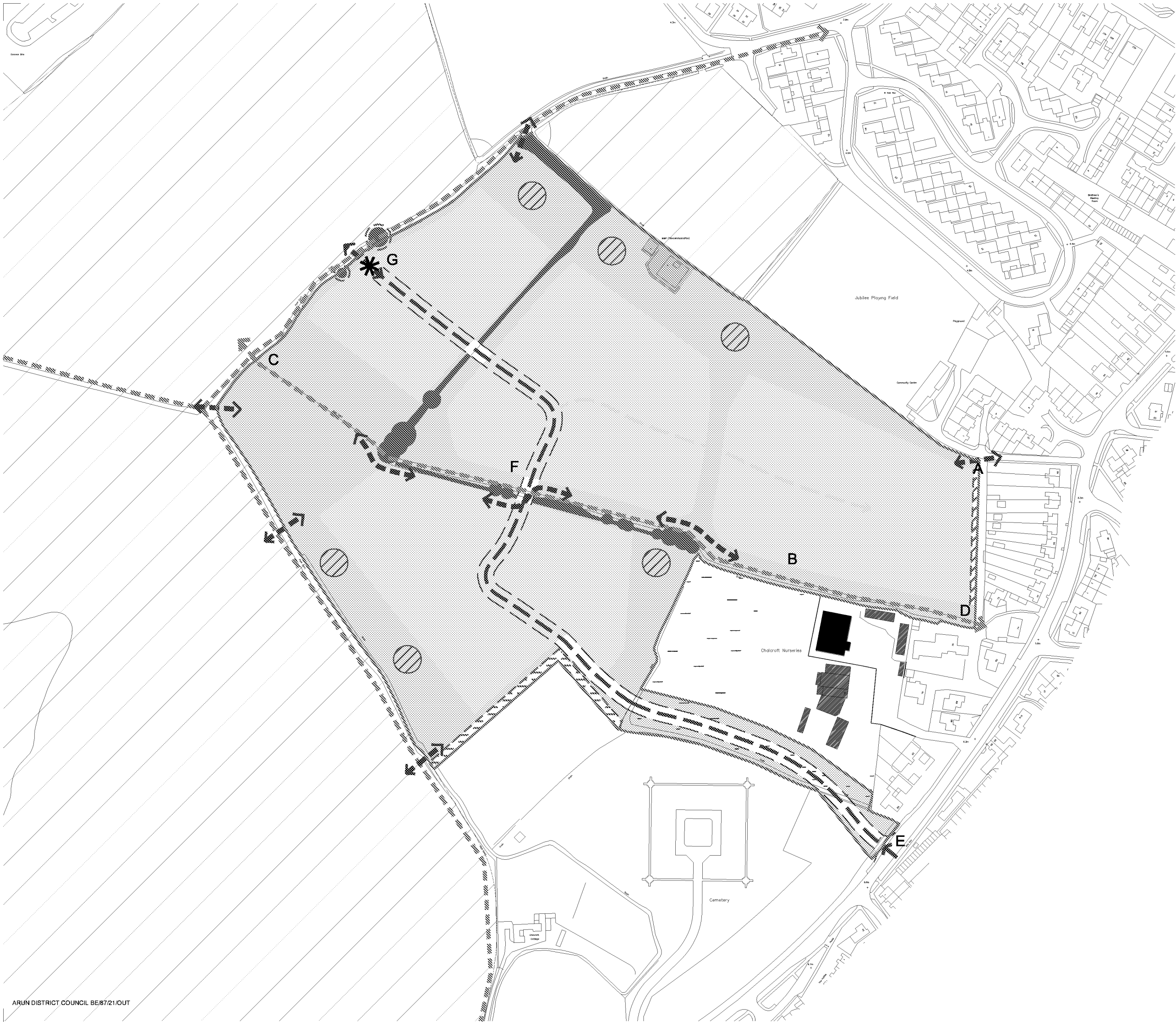
SURVEY COMPLETED: 15/05/20 and 29/05/20

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Tree No.	Species	Ht (m)	Stem dia (mm)	No of Stems	Branch Spread				Height and Direction of First Branch (m)	Mean Canopy Ht	Life Stage	Physiological Condition	Structural Condition	Preliminary Tree work	Estimated remaining contribution (Yrs)	Cat grading	Radius of RPA (m)	RPA (sq m)
					N	E	S	W										
H4	Hazel, hawthorn	5.0	0									Fair	Gaps in hedge					
H5	Blackthorn	4.0	0															

SURVEYED BY A.T. COOMBES ASSOCIATES

denotes estimated dimensions due to lack of access to tree

Sheet 7 of 7



Notes:
Do not scale from this drawing.
All contractors must visit the site and be responsible for taking and checking Dimensions.
All construction information should be taken from figured dimensions only.
Any discrepancies between drawings, specifications and site conditions must be brought to the attention of the supervising officer.
This drawing and the works depicted are the copyright of JTP.

This drawing is for planning purposes only. It is not intended to be used for construction purposes. Whilst all reasonable efforts are used to ensure drawings are accurate, JTP accept no responsibility or liability for any reliance placed on, or use made of, this plan by anyone for purposes other than those stated above.

Key

Application boundary

Residential use (including tertiary roads and incidental open space)

Primary vehicular route (alignment subject to centre line deviation limits of +/- 10m)

Secondary vehicular route (indicative alignment)

Vehicular access

Pedestrian and cycle way (aligned to avoid retained trees and hedgerows)

Existing Public Rights of Way

Cycle link to be achieved from point A to point B, as part of the development infrastructure at RMA stage

Indicative location of water management feature

Telecommunication Mast

Buffer planting

Open space

Existing trees and hedgerows to be retained where possible

2m offset from root protection area

Land reserved for potential future vehicular access to wider area

Remaining SD3 Allocation Area (Adjoining Land)

C-G Notations refer to S106 Agreement

PLAN FOR APPROVAL

P4	11.05.21	Key amended	VB	GP
P1	06.05.21	First Issue	VB	GP

Rev	Date	Description	Drawn	Chkd
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Drawing Status

PLANNING

Client

Landform Bersted Ltd

JTP Studios
Unit 5, The Rum Warehouse
Pennington Street
London, E1W 2AP
+44 (0)20 7017 1780
www.jtp.co.uk

Project

Nursery Fields,
West Bersted

Drawing Title

Plan 2
S106 Access Road Phasing Plan

Scale @ A3 1: 2500 Job Ref. 01304

Drawing No. 01304 _ S_16 Revision P4

Scale Bar
0 20 40 60m

