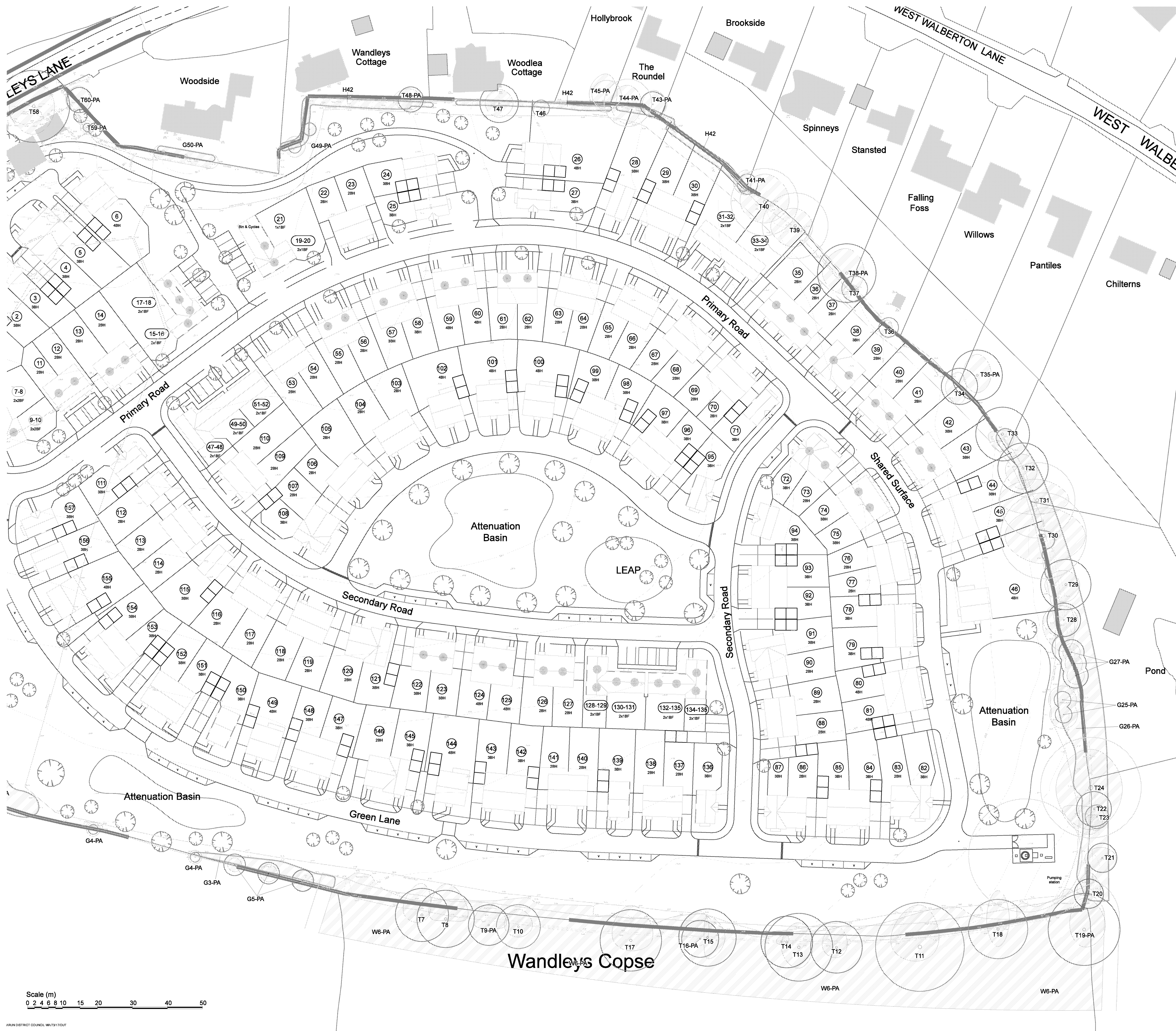




Key:

- RPA for CAT A* tree to be retained
- RPA for CAT B* tree to be retained
- RPA for CAT C* tree to be retained
- RPA for CAT U* tree to be retained
- Canopy of tree to be retained
- Canopy of CAT B* tree to be removed
- Canopy of CAT C* tree to be removed

*** Tree categorised in accordance with BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'.**

Appendix 2, (Tree Survey Schedule) contained within the arboricultural report ref. no. PJC/4419/17-02 contains further information for each tree.

This drawing should be viewed in colour.

Tree numbers suffixed with PA indicate the tree position is approximate.

Drawing no: PJC/4419/17/B Rev: 01 Sheet number: 2 of 2

Client and site:
Welbeck Land

Land east of Wandleys Lane
Walberton
West Sussex

Drawing title: Tree Retention Plan

Date drawn: 03/10/2017

Scale: 1:500 at A1

Drawn by: PD

Checked by: NB

APPENDIX 2

Tree Survey Schedule

Tree Survey Schedule

				Client: Welbeck Land Site: Land east of Wandleys Lane Survey date: 12/04/2017 Surveyor: Peter Davies							T: Individual tree or shrub G: Group of 2 or more trees H: Hedgerow W: Woodland block		
Tree ref. no.	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Crown clearance (m)	Age class	Physiological condition	Structural condition	Comments	Management recommendation	Category grading	Root Protection Area (m2)	Root Protection Radius (m)
G1	Mixed (including Lawson cypress, holly, cherry laurel)	5-8 average	Up to 150 average est	Up to 2 over site	0 average	Semi mature	Good	Good	Third party trees and shrubs only viewed from site.	No action required.	C2	10.2 average	1.8 average
T2	Pedunculate oak (Quercus robur)	8	250 est	N: 3 E: 4 S: 4 W: 4	Crown: 2 average Branch: 2 average	Semi mature	Good	Good	Small third party tree with good form and development potential.	No action required.	B1	28.3	3.0
G3	Mixed (including blackthorn, bramble)	1-3 average	Under 75 average est	Refer to drawing	0 average	Semi mature	Good	Fair	Scrub area.	No action required.	C1	2.5 average	0.9 average
G4	2x hawthorn (Crataegus monogyna)	4 average	120 average est	2 average	0 average	Semi mature	Good	Good	Third party shrubs.	No action required.	C1	6.5 average	1.4 average
G5	3x Norway maple (Acer platanoides)	4-6 average	Up to 260 average	2-3 average	1 average	Semi mature	Good	Good	Small trees on field boundary.	No action required.	B1	30.6 average	3.1 average
W6	Mixed (including ash, oak, hawthorn, elder, holly, field maple, hazel, apple)	Up to 18 average	Up to 350 average est	Up to 5 over site	0+ average	Early-over mature	Fair	Fair	Third party, ancient semi-natural woodland. Multiple dead, dying and defective trees on boundary.	No action required.	A3	N/A	4.2 from boundary fence/ditch

Tree Survey Schedule

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Tree ref. no.	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Crown clearance (m)	Age class	Physiological condition	Structural condition	Comments	Management recommendation	Category grading	Root Protection Area (m2)	Root Protection Radius (m)
T7	Ash (<i>Fraxinus excelsior</i>)	19	470, 430	N: 9 E: 2 S: 2 W: 5	Crown: 3 north Branch: 3 north	Mature	Fair	Fair	Third party. Dual stemmed from base. Crown bias north. Large deadwood on south side due to suppression.	No action required.	B1/2	183.6	7.6
T8	Pedunculate oak (<i>Quercus robur</i>)	21	680	N: 10 E: 6 S: 0 W: 4	Crown: 1 north Branch: 5 north	Mature	Good	Good	Third party tree. North lean due to suppression. Partially failed stem from buttress.	Remove partially failed stem (suggestion only as third party tree).	B1/2	209.2	8.2
T9	Ash (<i>Fraxinus excelsior</i>)	20	480	N: 6 E: 5 S: 1 W: 4	Crown: 7 east Branch: 6 north	Mature	Good	Fair	Third party tree. Drawn up growth habit. Minor cavity in stem.	No action required.	B1/2	104.2	5.8
T10	Field maple (<i>Acer campestre</i>)	7	350, 180, 140, 320	N: 5 E: 4 S: 3 W: 4	Crown: 0 north Branch: 1 south	Over mature	Fair	Fair	Third party tree. Crown bias north and contains deadwood/split limbs. Squirrel damage.	No action required.	C1/2	125.3	6.3
T11	Ash (<i>Fraxinus excelsior</i>)	22	400 average x7 stems	N: 12 E: 5 S: 4 W: 8	Crown: 1 north Branch: 1 average	Over mature	Good	Poor	Third party tree. Multi-stemmed from decayed coppice stand.	No action required.	C3	506.7	12.7
T12	Ash (<i>Fraxinus excelsior</i>)	18	620 over ivy	N: 6 E: 3 S: 3 W: 4	Crown: 2 north Branch: 3 south	Mature	Good	Fair	Third party tree. Drawn up growth habit. Ivy encroaches crown.	Sever ivy around base (suggestion only as third party tree).	B2	173.8	7.4

Tree Survey Schedule

				Client: Welbeck Land Site: Land east of Wandleys Lane Survey date: 12/04/2017 Surveyor: Peter Davies							T: Individual tree or shrub G: Group of 2 or more trees H: Hedgerow W: Woodland block		
Tree ref. no.	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Crown clearance (m)	Age class	Physiological condition	Structural condition	Comments	Management recommendation	Category grading	Root Protection Area (m2)	Root Protection Radius (m)
T13	Ash (Fraxinus excelsior)	20	290, 450, 410, 390, 200 over ivy	N: 7 E: 4 S: 6 W: 5	Crown: 4 north Branch: 0 average	Mature	Good	Fair	Third party tree. Multi-stemmed from old coppice stand. Ivy encroaches crown.	Sever ivy around base (suggestion only as third party tree).	B2	292.6	9.7
T14	Ash (Fraxinus excelsior)	10	620 over ivy	N: 2 E: 0 S: 0 W: 3	Crown: N/A Branch: 4 east	Dead	Poor	Poor	Third party, standing dead tree, smothered by ivy	Fell to ground level (suggestion only as third party tree).	U	173.9	7.4
T15	Ash (Fraxinus excelsior)	18	550, 410 over ivy	N: 6 E: 5 S: 6 W: 1	Crown: 5 south Branch: 3 south	Mature	Fair	Fair	Third party tree. Co-dominant stems with reasonable union. Ivy clad. Some crown dieback.	Sever ivy around base (suggestion only as third party tree).	B2	212.9	8.2
T16	Ash (Fraxinus excelsior)	17	440	N: 8 E: 2 S: 2 W: 6	Crown: 7 north Branch: 3 west	Mature	Good	Fair	Third party tree. One sided crown and drawn up growth habit.	No action required.	B2	87.6	5.3
T17	Ash (Fraxinus excelsior)	17	370, 410, 350, 340 over ivy	N: 10 E: 6 S: 3 W: 5	Crown: 1 north Branch: 4 north	Over mature	Good	Fair	Third party tree. Multiple stems from old, partially decayed coppice stand. Ivy encroaches crown.	No action required.	B2	245.7	8.8
T18	Ash (Fraxinus excelsior)	16	260, 230, 430, 440	N: 11 E: 3 S: 5 W: 3	Crown: 6 north Branch: 6 north	Over mature	Good	Fair	Third party tree. Multiple stems from old coppice stand. Vertical stem decayed. North stem leans over site.	No action required.	C2	225.7	8.5

Tree Survey Schedule

				Client: Welbeck Land Site: Land east of Wandleys Lane Survey date: 12/04/2017 Surveyor: Peter Davies							T: Individual tree or shrub G: Group of 2 or more trees H: Hedgerow W: Woodland block		
Tree ref. no.	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Crown clearance (m)	Age class	Physiological condition	Structural condition	Comments	Management recommendation	Category grading	Root Protection Area (m2)	Root Protection Radius (m)
T19	Ash (<i>Fraxinus excelsior</i>)	19	350 average x6 stems est	N: 9 E: 6 S: 5 W: 4	Crown: 2 north Branch: 6 north	Mature	Good	Fair	Third party tree. Multi-stemmed. Under-storey prevents close inspection. Deadwood over site.	Remove deadwood over 40mmØ over site.	B2	332.5	10.3
T20	Field maple (<i>Acer campestre</i>)	10	350 est	N: 6 E: 3 S: 0 W: 3	Crown: 0 north Branch: 1 north	Over mature	Good	Poor	Third party tree. Multi-stemmed. Majority of stems failed due to basal decay.	No action required.	U	55.4	4.2
T21	Ash (<i>Fraxinus excelsior</i>)	17	350 est	N: 3 E: 4 S: 4 W: 5	Crown: 3 west Branch: 5 average	Mature	Good	Good	Third party tree. Under-storey inhibits inspection of stem. Previously crown lifted.	No action required.	B1/2	55.4	4.2
T22	Ash (<i>Fraxinus excelsior</i>)	14	420	N: 0 E: 2 S: 7 W: 9	Crown: 3 west Branch: 2 west	Mature	Good	Fair	Third party tree. One sided crown due to proximity to T24. Previously crown lifted over site.	No action required.	B2	79.8	5.0
T23	Field maple (<i>Acer campestre</i>)	7	280 est	N: 0 E: 2 S: 4 W: 3	Crown: 1 south Branch: 2 west	Early mature	Good	Fair	Third party tree. Suppressed by T22 and T24.	No action required.	C2	35.5	3.4
T24	Pedunculate oak (<i>Quercus robur</i>)	19	1200 est	N: 11 E: 9 S: 12 W: 10	Crown: 1 west Branch: 3 average	Over mature	Good	Fair	Third party tree. Large specimen with open grown habit. Minor deadwood throughout crown.	No action required.	A1/3	651.4	14.4

Tree Survey Schedule

				Client: Welbeck Land Site: Land east of Wandleys Lane Survey date: 12/04/2017 Surveyor: Peter Davies							T: Individual tree or shrub G: Group of 2 or more trees H: Hedgerow W: Woodland block		
Tree ref. no.	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Crown clearance (m)	Age class	Physiological condition	Structural condition	Comments	Management recommendation	Category grading	Root Protection Area (m ²)	Root Protection Radius (m)
G25	2x goat willow (Salix caprea)	6-7 average	Up to 200 average est	3-4 average	0 average	Semi mature	Good	Fair	2x adjacent willow clumps forming single canopy shape.	No action required.	C2	18.1 average	2.4 average
G26	Mixed (including cherry laurel, bramble, hawthorn, hazel, elder).	1-4 average	Under 75 average est	Refer to drawing	0 average	Semi mature	Good	Fair	Scrub on field boundary providing partial screening from neighbour.	No action required.	C2	2.5 average	0.9 average
G27	3x field maple (Acer campestre)	14 average	300 average est	2-3 average	2 average	Early mature	Good	Good	Third party trees. Dense under-storey inhibits inspection. 1x multi-stemmed.	No action required.	B2	40.7 average	3.6 average
T28	Pedunculate oak (Quercus robur)	16	400 est	N: 5 E: 3 S: 9 W: 6	Crown: 2 west Branch: 2 west	Mature	Good	Fair	Third party tree only viewed from site. Heavily reduced over neighbours garden and crown lifted over site.	No action required.	B1/2	72.4	4.8
T29	Pedunculate oak (Quercus robur)	14	600 east	N: 4 E: 4 S: 5 W: 6	Crown: 1 west Branch: 1 west	Mature	Good	Poor	Third party tree. Crown bias over site due to heavy reduction over neighbours garden. Deadwood in crown.	Remove deadwood over 40mmØ over site.	B2	162.9	7.2
T30	Pedunculate oak (Quercus robur)	20	640, 800 est	N: 8 E: 12 S: 8 W: 11	Crown: 2 west Branch: 2 east	Over mature	Good	Good	Third party tree. Co-dominant stems. Large specimen with open grown habit. Deadwood due to suppression.	No action required.	A1/3	474.8	12.3

Tree Survey Schedule

				Client: Welbeck Land Site: Land east of Wandleys Lane Survey date: 12/04/2017 Surveyor: Peter Davies							T: Individual tree or shrub G: Group of 2 or more trees H: Hedgerow W: Woodland block		
Tree ref. no.	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Crown clearance (m)	Age class	Physiological condition	Structural condition	Comments	Management recommendation	Category grading	Root Protection Area (m2)	Root Protection Radius (m)
T31	Pedunculate oak (Quercus robur)	21	900 est	N: 6 E: 9 S: 4 W: 11	Crown: 3 west Branch: 2 west	Over mature	Good	Good	Third party tree. Crown slightly suppressed by T30 on south side. Deadwood throughout crown.	No action required.	A1/3	366.4	10.8
T32	Pedunculate oak (Quercus robur)	16	600 over ivy	N: 4 E: 4 S: 6 W: 5	Crown: 3 west Branch: 2 south	Mature	Good	Fair	Third party tree only viewed from site. Ivy encroaches crown. Deadwood due to suppression.	Remove fence attached to stem. Sever ivy around base (suggestion only as third party tree).	B1	162.9	7.2
T33	Pedunculate oak (Quercus robur)	17	400, 500 est	N: 1 E: 3 S: 5 W: 4	Crown: 2 south Branch: 3 south	Mature	Good	Fair	Third party tree with dense under-storey. Dual stemmed. 1x stem pollarded to monolith by neighbour.	No action required.	B2	185.5	7.7
T34	Pedunculate oak (Quercus robur)	10	350, 250 est	N: 4 E: 2 S: 5 W: 4	Crown: 1 north Branch: 1 south	Semi mature	Good	Fair	Third party tree suppressed by willow on east side. Good long term development potential.	Remove fence attached to stem.	B1	83.7	5.2
T35	Weeping willow (Salix babylonica)	12	600 est	N: 6 E: 4 S: 5 W: 4	Crown: 0 east Branch: 3 average	Mature	Good	Fair	Third party tree only viewed from site.	No action required.	B1	162.9	7.2
T36	Pedunculate oak (Quercus robur)	4	230	N: 2 E: 1 S: 3 W: 3	Crown: 1 west Branch: 1 north	Semi mature	Good	Good	Small third party tree only viewed from site.	No action required.	C1	23.9	2.8

Tree Survey Schedule

				Client: Welbeck Land Site: Land east of Wandleys Lane Survey date: 12/04/2017 Surveyor: Peter Davies							T: Individual tree or shrub G: Group of 2 or more trees H: Hedgerow W: Woodland block		
Tree ref. no.	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Crown clearance (m)	Age class	Physiological condition	Structural condition	Comments	Management recommendation	Category grading	Root Protection Area (m2)	Root Protection Radius (m)
T37	White poplar (Populus alba)	11	310	N: 1 E: 1 S: 4 W: 3	Crown: 2 south Branch: 2 east	Semi mature	Good	Good	Third party tree only viewed from site. One sided crown due to suppression from T38 and third party cypress.	No action required.	C2	43.5	3.7
T38	Pedunculate oak (Quercus robur)	13	700 est	N: 7 E: 5 S: 6 W: 7	Crown: 3 west Branch: 3 average	Mature	Good	Good	Third party tree only viewed from site. Ivy and under-storey inhibit inspection. Crown lifted over site.	No action required.	B1/2	221.7	8.4
T39	Pedunculate oak (Quercus robur)	15	780 over ivy	N: 5 E: 5 S: 6 W: 7	Crown: 2 west Branch: 4 east	Mature	Good	Good	Possibly third party specimen. Open grown habit, Previously crown lifted. Ivy clad stem.	No action required.	A1/2	275.2	9.4
T40	Pedunculate oak (Quercus robur)	16	800 est	N: 8 E: 7 S: 6 W: 7	Crown: 4 west Branch: 3 east	Mature	Good	Good	Possibly third party specimen. Open grown habit, Previously crown lifted. Ivy clad stem.	No action required.	A1/2	289.5	9.6
T41	Ash (Fraxinus excelsior)	9	200 80, 80, 80	N: 4 E: 1 S: 3 W: 4	Crown: 2 north Branch: 0 average	Semi mature	Good	Fair	Third party tree only viewed from site. Multi-stemmed, ivy clad and suppressed by T40.	No action required.	C1	26.8	2.9
H42	Mixed (including blackthorn, hawthorn)	1-2 average	Under 75 average est	1 average	0 average	Semi mature	Good	Good	Formal hedgerow along site boundary providing only low level screening.	No action required.	C2	2.5 average	0.9 average

Tree Survey Schedule

				Client: Welbeck Land Site: Land east of Wandleys Lane Survey date: 12/04/2017 Surveyor: Peter Davies							T: Individual tree or shrub G: Group of 2 or more trees H: Hedgerow W: Woodland block		
Tree ref. no.	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Crown clearance (m)	Age class	Physiological condition	Structural condition	Comments	Management recommendation	Category grading	Root Protection Area (m ²)	Root Protection Radius (m)
T43	Pedunculate oak (Quercus robur)	11	300 est	N: 4 E: 4 S: 4 W: 3	Crown: 3 north Branch: 4 east	Early mature	Good	Fair	Third party tree only viewed from site. One sided crown containing deadwood due to suppression.	No action required.	B1/2	40.7	3.6
T44	Pedunculate oak (Quercus robur)	15	400, 400 est	N: 5 E: 4 S: 6 W: 5	Crown: 5 south Branch: 3 average	Mature	Good	Good	Third party tree only viewed from site. Dual stemmed from base. Open grown habit.	No action required.	A1/2	144.8	6.8
T45	Pedunculate oak (Quercus robur)	14	350 est	N: 6 E: 3 S: 5 W: 5	Crown: 4 south Branch: 3 east	Mature	Good	Good	Third party tree only viewed from site. Slightly suppressed on east side but no major visible defects.	No action required.	A1/2	55.4	4.2
T46	Wild cherry (Prunus avium)	4	200 (live stem only)	N: 0 E: 1 S: 1 W: 2	Crown: 1 south Branch: 2 west	Semi mature	Fair	Poor	Dual stemmed from base (one stem is dead).	No action required.	C1	18.1	2.4
T47	Wild cherry (Prunus avium)	10	330, 300	N: 4 E: 4 S: 4 W: 4	Crown: 2 average Branch: 2 average	Mature	Good	Fair	Third party tree only viewed from site. Dual stemmed from 1m. Reduced over neighbours roof.	No action required.	B2	90.0	5.4
T48	Pedunculate oak (Quercus robur)	10	300 est	N: 3 E: 3 S: 3 W: 5	Crown: 2 average Branch: 2 west	Early mature	Good	Good	Third party tree only viewed from site. Appears of good condition and development potential.	No action required.	B1	40.7	3.6

Tree Survey Schedule

				Client: Welbeck Land Site: Land east of Wandleys Lane Survey date: 12/04/2017 Surveyor: Peter Davies							T: Individual tree or shrub G: Group of 2 or more trees H: Hedgerow W: Woodland block		
Tree ref. no.	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Crown clearance (m)	Age class	Physiological condition	Structural condition	Comments	Management recommendation	Category grading	Root Protection Area (m2)	Root Protection Radius (m)
G49	2x wild cherry (Prunus avium)	6-7 average	Up to 150 average est	3 average	1 average	Semi mature	Good	Fair	2x ivy clad trees, potentially third party specimens.	Sever ivy around bases.	C1	10.2 average	1.8 average
G50	4x apple (Malus spp.)	3-4 average	Up to 150 average est	1-2 over site	2 over site	Semi-early mature	Good	Fair	Third party apple trees located behind brick wall. Roots not expected to extend into site.	No action required.	C1	10.2 average	1.8 average
G51	Cherry laurel (Prunus laurocerasus)	Up to 6 average	Up to 200 average est	Refer to drawing	0 average	Early mature	Good	Fair	Broad belt of vegetation on road frontage providing visual screening.	Remove sections of group shown on Tree Retention Plan. Reduced retained sections for new visibility splay.	C1	18.1 average	2.4 average
T52	Pedunculate oak (Quercus robur)	15 est	420, 510	N: 5 E: 6 S: 6 W: 5	Crown: 2 average Branch: 3 south	Mature	Good	Good	Co-dominant stems from 1m. Cherry laurel inhibits inspection of crown. No major visible defects.	No action required.	A1	197.5	7.9
T53	Ash (Fraxinus excelsior)	20 est	660, 690	N: 4 E: 6 S: 7 W: 8	Crown: 6 west Branch: 4 west	Over mature	Good	Fair	Large tree on road frontage. Co-dominant stems from base. Previously crown lifted. Deadwood in crown.	Fell to ground level and remove stump.	B1/2	412.4	11.5
T54	Ash (Fraxinus excelsior)	15 est	480, 490	N: 5 E: 7 S: 5 W: 0	Crown: 8 east Branch: 6 east	Over mature	Good	Poor	Co-dominant stems from base with bark inclusion to 1m. Suppressed by T53. Decayed limb on east side over shrubs.	Fell to ground level and remove stump.	C1/2	212.8	8.2

Tree Survey Schedule

				Client: Welbeck Land Site: Land east of Wandleys Lane Survey date: 12/04/2017 Surveyor: Peter Davies						T: Individual tree or shrub G: Group of 2 or more trees H: Hedgerow W: Woodland block			
Tree ref. no.	Species	Height (m)	Stem diameter (mm)	Branch spread (m)	Crown clearance (m)	Age class	Physiological condition	Structural condition	Comments	Management recommendation	Category grading	Root Protection Area (m2)	Root Protection Radius (m)
G55	8x hazel (Corylus avellana)	6-8 average	250 average est	N: 3 E: 5 S: 3 W: 4	0-2 average	Over mature	Good	Fair	Hazel clumps located along road frontage, contributing to boundary screening.	Remove section of group shown on Tree Retention Plan. Reduced retained section for new pavement.	C2	28.3 average	3.0 average
G56	3x field maple (Acer campestre)	10-12 average	400 average est	N: 3 E: 4 S: 4 W: 3	1 average	Mature	Good	Fair	Multi-stemmed trees on road frontage. Drawn up growth habits. Ivy clad. Abundant small deadwood.	Fell to ground level and remove stumps.	C2	72.4 average	4.8 average
G57	8x hazel (Corylus avellana)	7-9 average	300 average est	N: 5 E: 4 S: 4 W: 4	0-2 average	Over mature	Good	Fair	Hazel clumps located along road frontage, contributing to boundary screening.	Reduce crowns/coppice stems as required to install new pavement.	C2	40.7 average	3.6 average
T58	Pedunculate oak (Quercus robur)	16	860	N: 7 E: 6 S: 8 W: 7	Crown: 2 south Branch: 2 south	Over mature	Fair	Good	Low branches overhanging shed deformed due to conflict with elder trees. Minor dieback on north side.	Remove lowest limb overhanging shed. Clear brash, logs and ivy to allow inspection of buttress.	B1/2	334.6	10.3
T59	Flowering cherry (Prunus spp.)	6	100	N: 2 E: 2 S: 2 W: 2	Crown: 2 average Branch: 2 average	Young	Good	Good	Small tree with no major visible defects.	No action required.	C1	4.5	1.2
T60	Flowering cherry (Prunus spp.)	6	300 est	N: 4 E: 3 S: 3 W: 4	Crown: 2 west Branch: 1 average	Early mature	Good	Fair	Third party tree in neighbours garden. Only viewed from site.	No action required.	B1	40.7	3.6