

Landmark Trees

TREE WORKS REPORT:

Proposed Lidl Store
Botwell Lane
Hayes
Middlesex

REPORT PREPARED FOR:

Lidl UK
London North Property Office
4-14 Blackbird Hill
Wembley
London NW9 8SD

REPORT PREPARED BY

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Ref: LUK/BLH /TWR/01

Date: 19th February 2016

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Caveats

This report is primarily an arboricultural report. It is not a full safety survey or subsidence risk assessment survey. These services can be provided but a further fee would be payable. Where matters of tree condition with a safety implication are noted during a survey they will of course appear in the report.

A tree survey is generally considered invalid in planning terms after 2 years, but changes in tree condition may occur at any time, particularly after acute (e.g. storm events) or prolonged (e.g. drought) environmental stresses or injuries (e.g. root severance). Routine surveys at different times of the year and within two - three years of each other (subject to the incidence of the above stresses) are recommended for the health and safety management of trees remote from highways or busy access routes. Annual surveys are recommended for the latter.

Tree felling works recommendations are found in the Appendices to this report. It is assumed, unless otherwise stated ("ASAP" or "Option to") that all husbandry recommendations will be carried out within 6 months of the report's first issue. Clearly, works required to facilitate development will not be required if the application is shelved or refused. However, necessary husbandry work should not be shelved with the application and should be brought to the attention of the person responsible, by the applicant, if different. Under the Occupiers Liability Act of 1957, the owner (or his agent) of a tree is charged with the due care of protecting persons and property from foreseeable damage and injury.' He is responsible for damage and/or nuisance arising from all parts of the tree, including roots and branches, regardless of the property on which they occur. He also has a duty under The Health and Safety at Work Act 1974 to provide a safe place of work, during construction. Tree works should only be carried out with local authority consent, where applicable.

Inherent in a tree survey is assessment of the risk associated with trees close to people and their property. Most human activities involve a degree of risk, such risks being commonly accepted if the associated benefits are perceived to be commensurate.

Risks associated with trees tend to increase with the age of the trees concerned, but so do many of the benefits. It will be appreciated, and deemed to be accepted by the client, that the formulation of recommendations for all management of trees will be guided by the cost-benefit analysis (in terms of amenity), of tree work that would remove all risk of tree related damage.

Prior to the commencement of any tree works, an ecological assessment of specific trees may be required to ascertain whether protected species (e.g. bats, badgers and invertebrates etc.) may be affected.

1. INTRODUCTION

1.1 Terms of reference

- 1.1.1 LANDMARK TREES were asked by Lidl UK to provide a plan for the proposed tree works on the site at Botwell Lane, Hayes, Middlesex. The plan is provided within Appendix 3 of this report and shows the following three things:
- i). The existing trees
 - ii). The trees to be removed
 - iii). The proposed new trees to be planted
- 1.1.2 I am a Registered Consultant and Fellow of the Arboricultural Association and a Chartered Forester, with a Masters Degree in Arboriculture and 20 years experience of the landscape industry - including the Forestry Commission and Agricultural Development and Advisory Service. I am a UK Registered Expert Witness, trained in single joint expert witness duties. I am also Chairman of the UK & I Regional Plant Appraisal Committee, inaugurated to promote international standards of valuation in arboriculture.

1.2 Drawings supplied

- 1.2.1 The drawings supplied by the client and relied upon Landmark Trees in the formulation of our Tree Works Plan are:
- Landscape Proposals by ACD Environmental (LIDL18911-11)
 - Hand annotated arboricultural plan from Lidl UK (SGB-963NP0516021612120)
 - CAD base for overlay: 3176 402P 403K 404F

1.3 Scope of original tree survey

- 1.3.1 As Landmark Trees' (LT) arboricultural consultant, I surveyed the trees on site on 16th June 2015, recording relevant qualitative data in order to assess both their suitability for retention and their constraints upon the site, in accordance with British Standard 5837:2012 Trees in relation to design, demolition and construction – Recommendations [BS5837:2012].
- 1.3.2 Our survey of the trees, the soils and any other factors, is of a preliminary nature. The trees were SURVEYED on the basis of the Visual Tree Assessment method expounded by Mattheck and Breloer (The Body Language of Trees, DoE booklet Research for Amenity Trees No. 4, 1994). LT have not taken any samples for analysis and the trees were not climbed, but inspected from ground level.

- 1.3.3 A tree survey is generally considered invalid in planning terms after 2 years, but changes in tree condition may occur at any time, particularly after acute (e.g. storm events) or prolonged (e.g. drought) environmental stresses or injuries (e.g. root severance). Routine surveys at different times of the year and within two - three years of each other (subject to the incidence of the above stresses) are recommended for the health and safety management of trees remote from highways or busy access routes. Annual surveys are recommended for the latter.
- 1.3.4 The survey does not cover the arrangements that may be required in connection with the laying or removal of underground services.

1.4 Survey data & report layout

- 1.4.1 Table 1 below summarises the proposed fellings and justification for the felling. Detailed records of individual trees are given in the survey schedule in Appendix 1 to this report, with further details on the felling tree works provided at Appendix 2.
- 1.4.2 A site plan identifying the trees to be retained, felled and new planting based on the client's drawings is provided in Appendix 3.

Table 1: PROPOSED FELLING - LIDL STORE, BOTWELL LANE

(To be read with Tree Works Plan 1)

Ref: LUK/BLH/TWR

B.S. Cat.	Tree No.	Species	Reason for Proposed Works	Mitigation
C	21	Cherry, Wild (Gean)	Felled to facilitate development	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
C	22	Whitebeam	Felled to Facilitate Development	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
C	23	Maple, Field	Felled to Facilitate Development	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
C	24	Birch, Silver	Felled to Facilitate Development	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
U	26	Ash, Common	To be felled on the grounds of sound husbandry	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
U	27	Cherry, Wild (Gean)	To be felled on the grounds of sound husbandry	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
B	28	Birch, Himalayan	Felled to Facilitate Development	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
C	29	Sycamore	Felled to Facilitate Development	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
B	37a	Ash, Common	To be felled for landscape enhancement	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
C	38	Sycamore	To be felled for landscape enhancement	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
C	39	Sycamore	To be felled for landscape enhancement	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
B	40	Sycamore	To be felled for landscape enhancement	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
C	41	Maple, Silver	Felled to Facilitate Development	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
U	42	Plum, Purple	Requires felling on grounds of sound husbandry	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)

Table 1: PROPOSED FELLING - LIDL STORE, BOTWELL LANE

(To be read with Tree Works Plan 1)

Ref: LUK/BLH/TWR

B.S. Cat.	Tree No.	Species	Reason for Proposed Works	Mitigation
C	43	Holly	Felled to Facilitate Development	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
B	44	Sycamore	Felled to Facilitate Development	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
A	45	Lime, Small-leaved	To be felled for landscape enhancement	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
U	46	Maple, Norway	Requires felling on the grounds of sound husbandry	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
C	48	Leylandii	To be felled as part of landscape enhancement scheme	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
B	49	Hornbeam	To be felled as part of landscape enhancement scheme	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
U	50	Hornbeam	Requires felling on the grounds of sound husbandry	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
U	51	Leylandii	Requires felling on the grounds of sound husbandry	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
C	52	Leylandii	To be felled as part of landscape enhancement scheme	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
C	53	Leylandii	To be felled as part of landscape enhancement scheme	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
B	54	Hornbeam	To be felled as part of landscape enhancement scheme	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
C	55	Leylandii	To be felled as part of landscape enhancement scheme	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
U	56	Leylandii	Requires felling on the grounds of sound husbandry	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
B	57	Hornbeam	To be felled as part of landscape enhancement scheme	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)

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(To be read with Tree Works Plan 1)

Ref: LUK/BLH/TWR

B.S. Cat.	Tree No.	Species	Reason for Proposed Works	Mitigation
U	58	Cypress, Leyland	Requires felling on the grounds of sound husbandry	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
C/u	59	Leylandii	To be felled as part of landscape enhancement scheme	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
C	60	Leylandii	To be felled as part of landscape enhancement scheme	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
B	61	Hornbeam	To be felled as part of landscape enhancement scheme	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)
C	62	Leylandii	To be felled as part of landscape enhancement scheme	Replacement planting/landscaping (see plan LIDL18911-11 by ACD Environmental)

APPENDIX 1

TREE SCHEDULE - Notes for Guidance

Notes for Guidance:

1. Height describes the approximate height of the tree measured in metres from ground level.
2. The Crown Spread refers to the crown radius in meters from the stem centre and is expressed as an average of NSEW aspect if symmetrical.
3. Ground Clearance is the height in metres of crown clearance above adjacent ground level.
4. Stem Diameter (Dm) is the diameter of the stem measured in millimetres at 1.5m from ground level for single stemmed trees. BS 5837:2012 formula (Section 4.6) used to calculate diameter of multi-stemmed trees. Stem Diameter may be estimated where access is restricted and denoted by '#'.
5. Protection Multiplier is 12 and is the number used to calculate the tree's protection radius and area
6. Protection Radius is a radial distance measured from the trunk centre.
7. Growth Vitality - Normal growth, Moderate (below normal), Poor (sparse/weak), Dead (dead or dying tree).
8. Structural Condition - Good (no or only minor defects), Fair (remediable defects), Poor - Major defects present.
9. Landscape Contribution - High (prominent landscape feature), Medium (visible in landscape), Low (secluded/among other trees).
10. B.S. Cat refers to (British Standard 5837:2012 section 4.5) and refers to tree/group quality and value; 'A' – High, 'B' - Moderate, 'C' - Low, 'U' - Unsuitable for retention. The following colouring has been used on the site plans:
 - High Quality (A) (Green),
 - Moderate Quality (B) (Blue),
 - Low Quality (C) (Grey),
 - Unsuitable for Retention (U) (Red)
11. Sub Cat refers to the retention criteria values where 1 is Arboricultural, 2 is Landscape and 3 is Cultural including Conservational, Historic and Commemorative.
12. Useful Life is the tree's estimated remaining contribution in years.



Site: Lidl. Botwell Lane

Date: 16/06/2015

Landmark Trees

Appendix 1

BS5837 Tree Constraints Survey Schedule

Landmark Trees Ltd

020 7851 4544

Surveyor(s): Adam Hollis

Ref: LUK/BLH/AIA/03

Tree No.	English Name	Height	Crown Spread	Ground Clearance	Stem Diamete	Age Class	Protection Radius	Growth Vitality	Structural Condition	B.S. Cat	Sub Cat	Useful Life	Comments
1	Oak, English	14	5		1100	Mature	13.2	Normal	Fair	A		>40	Small amount of bark loss in crown Pollarded in 2015 Minor decay pockets through crown
2	Plane, London	16	6666	6.0	600	Mature	7.2	Normal	Fair	B		>40	Restricted rooting / FP heave T's 1-20 all high CL'd to 6m+ with slight etiolation of limbs Outside development boundary
3	Plane, London	16	8378.	6.0	700	Mature	8.4	Normal	Fair	B	2	>40	Tight in corner of hard surfaces. Cavity visible in pruning wound in crown break to N Some damage to path. Slight lean to road. All planes CL'd 6m
4	Plane, London	15	4374	6.0	520	Mature	6.2	Normal	Fair	B	2	>40	Deadwood (minor) throughout crown Hung-up (detached) branches In macadam close to road. Heave to fp. Competes with tree behind
5	Plane, London	16	4447	6.0	580	Mature	7.0	Normal	Fair	B	2	>40	In grass. Slight lean towards path. 50mm x 6m dead branch W 7m abg
6	Plane, London	15	4576	6.0	500	Mature	6.0	Normal	Fair	B	2	>40	Leaf growth a bit thin in places. Heave to path Outside development boundary
7	Plane, London	16	4477	6.0	570	Mature	6.8	Normal	Fair	B	2	>40	A sparser than normal canopy Entry wounds on trunk Cavity visible in pruning wound in crown break to N



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8	Plane, London	14	5282	6.0	450	Mature	5.4	Normal	Fair	C	2	>40	A sparser than normal canopy Significant break out wounds in crown with decay inside Outside development boundary
9	Plane, London	16	6566	6.0	640	Mature	7.7	Normal	Fair	B	2	>40	A sparser than normal canopy Entry wounds on trunk
10	Plane, London	16	5556	4.0	540	Mature	6.5	Normal	Fair	B	2	>40	Bit sparse on roadside. Slight lean to road. Entry wounds on trunk Heave to footpath Outside development boundary
11	Plane, London	16	6	2.0	690	Mature	8.3	Normal	Fair	B	2	>40	
12	Plane, London	16	2424	7.0	440	Mature	5.3	Normal	Fair	C	2	>40	Suppressed by nearby tree Entry wounds on trunk Cavity visible in pruning wound in crown break to E Outside development boundary
13	Plane, London	16	5336		530	Mature	6.4	Normal	Fair	B	2	>40	Deadwood throughout crown Entry wounds on trunk
14	Plane, London	12	4444	7.0	410	Mature	4.9	Normal	Fair	B	2	>40	Slight lean to the road. Deadwood throughout crown Suppressed Outside development boundary



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15	Plane, London	16	5556	2.0	510	Mature	6.1	Normal	Fair	B	2	>40	
16	Plane, London	12	5353	5.0	430	Mature	5.2	Normal	Fair	B	2	>40	Deadwood through crown long dead branch above fp Outside development boundary
17	Plane, London	15	5555	5.0	570	Mature	6.8	Normal	Fair	B	2	>40	Slight lean Significant break out wound W in crown with decay inside
18	Plane, London	16	3383	5.0	480	Mature	5.8	Normal	Fair	C	2	>40	Bit sparse, slight lean to the road Entry wounds on trunk Outside development boundary
19	Plane, London	16	6565	4.0	570	Mature	6.8	Normal	Fair	B	2	>40	Main growth side towards road Deadwood (minor) Pavement heave Outside development boundary
20	Plane, London	16	5666	3.0	650	Mature	7.8	Normal	Fair	A		>40	Entry wounds on trunk Included bark in branch unions Canker in bases of limbs just above main fork & over FP Outside development boundary
21	Cherry, Wild (Gean)	10	4		290	Mature	3.5	Normal	Fair	C	2	10-20	Cankered base with resin bleed



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22	Whitebeam	11	6555	2.0	330	Early Mature	4.0	Normal	Fair	C		>40	Included bark in branch unions Co-dominant limbs
23	Maple, Field	9	4	1.5	350	Early Mature	4.2	Normal	Fair	C	2	>40	Dense growth
24	Birch, Silver	9	4456	1.0	260	Semi-mature	3.1	Normal	Fair	C	2		Thinner on the side of the Maple
26	Ash, Common	9	6	1.5	410	Early Mature	4.9	Moderate	Fair	U		10-20	Decay at trunk base Mechanical damage to base Minor dieback in top
27	Cherry, Wild (Gean)	6	4242		550	Mature	6.6	Poor	Hazardous	U		<10	90% dead Decay at trunk base (Phellinus)
28	Birch, Himalayan	10	5	2.0	340	Mature	4.1	Normal	Fair	B	2	>40	Good specimen
29	Sycamore	14	4444	3.0	490	Early Mature	5.9	Normal	Fair	C	2	>40	



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30	Chestnut, Horse	10	5555	3.0	670	Mature	8.0	Moderate	Poor	C/u	2	10-20	Decay in trunk Die-back in crown Fork at 3m, next to road Outside development boundary
32	Lime, Caucasian	10	5	1.0	430	Early Mature	5.2	Normal	Good	B		>40	Hung-up (detached) branches Dense habit Included bark in branch unions Outside development boundary
33	Lime, Common	12	5	1.5	470	Early Mature	5.6	Normal	Good	B	2	>40	Included bark in branch unions Outside development boundary
34	Lime, Small-leaved	11	5		480	Early Mature	5.8	Normal	Good	A	2	>40	
35	Lime, Small-leaved	11	5	2.0	360	Early Mature	4.3	Normal	Good	A	2	>40	
36	Lime, Small-leaved	12	4444	1.0	380	Mature	4.6	Normal	Good	A	2	>40	
37	Lime, Common	11	4442	1.0	360	Early Mature	4.3	Normal	Good	A	2	>40	



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37a	Ash, Common	13	5	4.0	700	Mature	8.4	Moderate	Fair	B	2	20-40	Ivy clad to 50%. Base not accessible
38	Sycamore	13	4444		400	Early Mature	4.8	Moderate	Fair	C	2	10-20	Ivy clad to 50%. Deadwood (minor) throughout crown Base inaccessible; crown sparse
39	Sycamore	12	4	4.0	500	Mature	6.0	Moderate	Fair	C	2	10-20	Ivy growth from base. Minor dead wood. Small pocket of basal decay Sparse of crown
40	Sycamore	14	5		500	Mature	6.0	Normal	Fair	B	2	20-40	Recently reduced Restricted access to base Ivy growth from base. Triple fork at 2m
41	Maple, Silver	14	7974	2.0	610	Mature	7.3	Normal	Good	C	2		Large wound on trunk at base. Minor dead wood. Requires
42	Plum, Purple	8	4343	1.0	300	Early Mature	3.6	Normal	Poor	U		10-20	Decay in trunk / main fork Canker
43	Holly	5	3		244	Semi-mature	2.9	Normal	Fair	C	2	10-20	Multi-stemmed.



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44	Sycamore	14	6664	2.0	600	Mature	7.2	Normal	Fair	B	2	20-40	Crossing / grafted stem Fork at 2m. Ivy from base has been previously cut off.
45	Lime, Small-leaved	10	5663	0.0	450	Early Mature	5.4	Normal	Fair	A	2	>40	Included bark in main stem unions Decay in trunk
46	Maple, Norway	8	4554	1.0	340	Early Mature	4.1	Normal	Fair	U		10-20	Decay in trunk Not worth keeping Significant lesion N 0-5m
48	Leylandii	12	4	2.0	660	Mature	7.9	Moderate	Fair	C	2	10-20	Decay in trunk lesions Coryneum canker (hereafter Canker)
49	Hornbeam	10	3	2.0	470	Early Mature	5.6	Normal	Fair	B	2	20-40	Early decay in trunk
50	Hornbeam	10	3	2.0	534	Mature	6.4	Moderate	Poor	U		<10	Decay in trunk(s) / one dead stem of two Advanced decay at trunk base Dm: 42 + 33
51	Leylandii	12	3	2.0	620	Mature	7.4	Poor	Fair	U		<10	Deadwood (minor) throughout crown Canker Decay in trunk lesions



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52	Leylandii	12	3	2.0	550	Mature	6.6	Moderate	Fair	C	2	10-20	(minor) Canker Decay in trunk lesions
53	Leylandii	12	3	2.0	430	Early Mature	5.2	Moderate	Fair	C	2	10-20	Canker (minor) Decay in trunk lesions
54	Hornbeam	12	2222		300	Semi-mature	3.6	Normal	Fair	B	2	20-40	Basal wound Included bark in branch unions Minor decay in main fork
55	Leylandii	12	3	2.0	460	Early Mature	5.5	Normal	Fair	C	2	10-20	As per T53
56	Leylandii	9	2	2.0	450	Early Mature	5.4	Poor	Poor	U		<10	As per 51
57	Hornbeam	10	3.5	2.0	390	Early Mature	4.7	Normal	Fair	B	2	>40	Included bark in branch unions Suppressed by nearby tree I.e. T58
58	Cypress, Leyland	12	1.5	2.0	430	Early Mature	5.2	Poor	Poor	U		<10	Wind-snapped crown Low live crown ratio Suppressing 57; Cankered



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59	Leylandii	12	2		550	Early Mature	6.6	Normal	Fair	C/u	2	10-20	As per T59
60	Leylandii	11	3	2.0	500	Early Mature	6.0	Normal	Fair	C	2	10-20	As per 53
61	Hornbeam	11	3	2.0	560	Mature	6.7	Normal	Fair	B	2	>40	Included bark in branch unions
62	Leylandii	12	2222	2.0	510	Early Mature	6.1	Normal	Fair	C	2	10-20	As per 53
63	Hornbeam	11	2231	1.0	370	Early Mature	4.4	Normal	Fair	B	2	>40	

APPENDIX 2

TREE FELLING WORKS

Notes for Guidance:

1, 2, 3 - Urgent (ASAP), Standard (within 6 months), Non-urgent (2-3 years)

Fell - Fell to ground level.



Site: Lidl. Botwell Lane

Date: 16/06/2015

Surveyor(s): Adam Hollis

Ref: LUK/BLH/AIA/03

Appendix 2

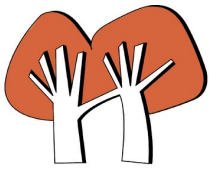
Recommended Tree Works

Hide irrelevant

Show All Trees

Landmark Trees

Tree No.	English Name	B.S. Cat	Height	Ground Clearance	Crown Spread	Recommended Works	Comments/ Reasons
27	Cherry, Wild (Gean)	U	6		4242	Fell	90% dead Decay at trunk base (Phellinus) Recommended husbandry 1
28	Birch, Himalayan	B	10	1.5	4444	Fell	A tree with insignificant defects To facilitate development
39	Sycamore	C	12	4.0	4	Fell	Ivy growth from base. Minor dead wood. Small pocket of basal decay Sparse of crown To allow landscape enhancement
40	Sycamore	B	14		5	Fell	Recently reduced Restricted access to base Ivy growth from base. Triple fork at 2m To allow landscape enhancement
41	Maple, Silver	C	14	2.0	7974	Fell	Large wound on trunk at base. Minor dead wood. Requires To facilitate development
42	Plum, Purple	U	8	1.0	4343	Fell	Decay in trunk / main fork Canker Recommended husbandry 2



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Appendix 2

Recommended Tree Works

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Landmark Trees

Tree No.	English Name	B.S. Cat	Height	Ground Clearance	Crown Spread	Recommended Works	Comments/ Reasons
43	Holly	C	5		3	Fell	Multi-stemmed. To facilitate development
44	Sycamore	B	14	2.0	6664	Fell	Crossing / grafted stem Fork at 2m. Ivy from base has been previously cut off. To facilitate development
45	Lime, Small-leaved	A	10	0.0	5663	Fell	Included bark in main stem unions Decay in trunk To allow landscape enhancement
46	Maple, Norway	U	8	1.0	4554	Fell	Decay in trunk Not worth keeping Significant lesion N 0-5m Recommended husbandry 2
48	Leylandii	C	12	2.0	4	Fell	Decay in trunk lesions Coryneum canker (hereafter Canker) To allow landscape enhancement
49	Hornbeam	B	10	2.0	3	Fell	Early decay in trunk To allow landscape enhancement



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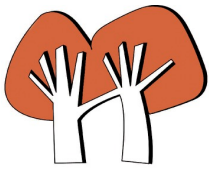
Recommended Tree Works

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Show All Trees

Landmark Trees

Tree No.	English Name	B.S. Cat	Height	Ground Clearance	Crown Spread	Recommended Works	Comments/ Reasons
50	Hornbeam	U	10	2.0	3	Fell	Decay in trunk(s) / one dead stem of two Advanced decay at trunk base Dm: 42 + 33 Recommended husbandry 1
51	Leylandii	U	12	2.0	3	Fell	Deadwood (minor) throughout crown Canker Decay in trunk lesions Recommended husbandry 2
52	Leylandii	C	12	2.0	3	Fell	(minor) Canker Decay in trunk lesions To allow landscape enhancement
53	Leylandii	C	12	2.0	3	Fell	Canker (minor) Decay in trunk lesions To allow landscape enhancement
54	Hornbeam	B	12		2222	Fell	Basal wound Included bark in branch unions Minor decay in main fork To allow landscape enhancement
55	Leylandii	C	12	2.0	3	Fell	As per T53 To allow landscape enhancement



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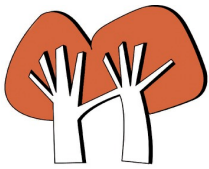
Appendix 2

Recommended Tree Works

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Landmark Trees

Tree No.	English Name	B.S. Cat	Height	Ground Clearance	Crown Spread	Recommended Works	Comments/ Reasons
56	Leylandii	U	9	2.0	2	Fell	As per 51 Recommended husbandry 2
57	Hornbeam	B	10	2.0	3.5	Fell	Included bark in branch unions Suppressed by nearby tree I.e. T58 To allow landscape enhancement
58	Cypress, Leyland	U	12	2.0	1.5	Fell	Wind-snapped crown Low live crown ratio Suppressing 57; Cankered To allow landscape enhancement
59	Leylandii	C/u	12		2	Fell	As per T59 Recommended husbandry 2
60	Leylandii	C	11	2.0	3	Fell	As per 53 To allow landscape enhancement
61	Hornbeam	B	11	2.0	3	Fell	Included bark in branch unions To allow landscape enhancement



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Appendix 2

Recommended Tree Works

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Landmark Trees

Tree No.	English Name	B.S. Cat	Height	Ground Clearance	Crown Spread	Recommended Works	Comments/ Reasons
62	Leylandii	C	12	2.0	2222	Fell	As per 53 To allow landscape enhancement
38	Sycamore	C	13		4444	Fell	Ivy clad to 50%. Deadwood (minor) throughout crown Base inaccessible; crown sparse To allow landscape enhancement
37a	Ash, Common	B	13	4.0	5	Fell	Ivy clad to 50%. Base not accessible To allow landscape enhancement
23	Maple, Field	C	9	1.5	4	Fell	Dense growth To facilitate development
24	Birch, Silver	C	9	1.0	4456	Fell	Thinner on the side of the Maple To facilitate development
26	Ash, Common	U	9	1.5	6	Fell	Decay at trunk base Mechanical damage to base Minor dieback in top Recommended husbandry 3



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Appendix 2

Recommended Tree Works

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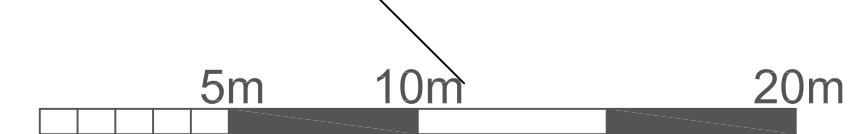
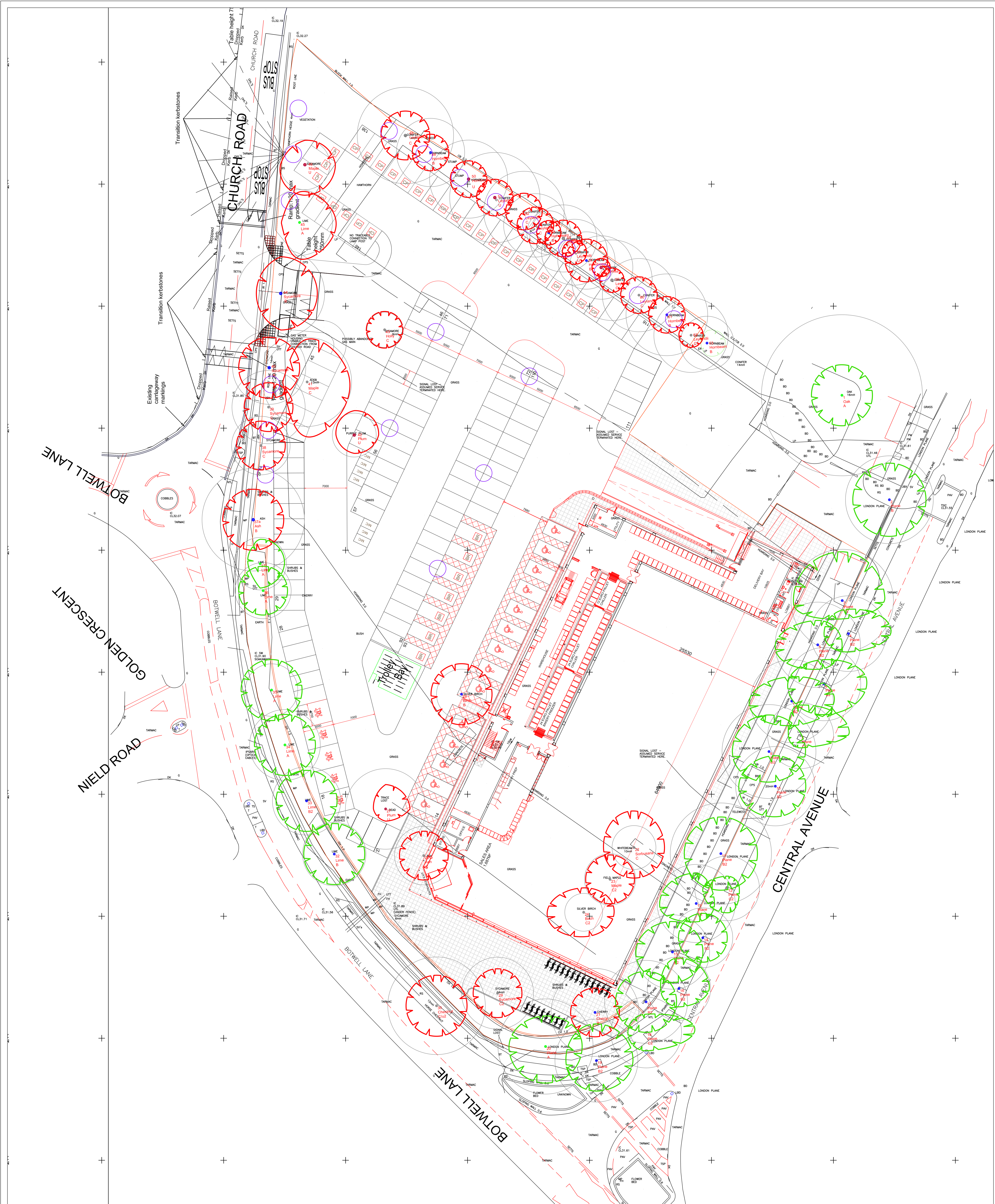
Show All Trees

Landmark Trees

Tree No.	English Name	B.S. Cat	Height	Ground Clearance	Crown Spread	Recommended Works	Comments/ Reasons
29	Sycamore	C	14	3.0	4444	Fell	To facilitate development
30	Chestnut, Horse	C/u	10	3.0	5555	Fell	Decay in trunk Die-back in crown Fork at 3m, next to road Outside development boundary Recommended husbandry 3 / to facilitate development
21	Cherry, Wild (Gean)	C	10		4	Fell	Cankered base with resin bleed To facilitate development
22	Whitebeam	C	11	2.0	6555	Fell	Included bark in branch unions Co-dominant limbs To facilitate development

APPENDIX 3

TREE FELLING PLAN



NOTE:
 This survey is of a preliminary nature. The trees were inspected from the ground only on the basis of the Visual Tree Assessment method. No samples were taken for analysis. No decay detection equipment was employed. The survey does not cover the arrangements that may be required in connection with the laying or removal of underground services.
 Branch spread in metres is taken at the four cardinal points to derive an accurate representation of the crown.
 Root Protection Areas (RPA) are derived from stem diameter measured at 1.5 m above adjacent ground level (taken on sloping ground on the upslope side of the tree base).

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 Site: Lidl Hayes
 Drawing Title: Arboricultural Impact Assessment
 1-200/A0
 February 2016

Key:		Category		Tree Number	
●	Category A High Quality	○	Root Protection Area	○	Tree Number
●	Category B Good Quality	○	Category C	○	Species
●	Category C Moderate Quality	○	Category U	○	Category
●	Category U Trees Unsuitable for Retention	○	Tree To be Removed	○	Proposed Tree