

ARBORICULTURAL METHOD STATEMENT
to BS 5837:2012
at
Hollingworth Lake Visitor Centre
Littleborough
Lancashire
OL15 0AQ

Client:
AJ Cocker Associates

Client Address:
176 Drake Street
Rochdale
Lancashire
OL16 1UP

Client Telephone:
01706 764 880

JCA Ref:
16522-D/AJB

JCA Limited
Arboricultural & Ecological Consultants

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1. Introduction

1.1 Purpose of the Method Statement

1.1.1 This Arboricultural Method Statement has been prepared to ensure good practice in the protection of retained trees during the development at **Hollingworth Lake Visitor Centre**, **Littleborough**.

1.2 Terms of Reference

1.2.1 JCA Limited is instructed by **AJ Cocker Associates** to prepare an Arboricultural Method Statement for the proposed development, based on our arboricultural report dated 11th December 2020 (JCA Ref: **16522/AJB**). The arboricultural survey and report conforms to the most recent specifications outlined in BS 5837: 2012 *Trees in relation to design, demolition and construction - Recommendations.*

1.2.2 We are informed that the proposed development will comprise of the following; '*Proposed alterations and extensions to existing building to form animal welfare and rescue centre, café and community facilities including provision of new public toilets and park ranger accommodation*'.

1.2.3 The following drawings have been provided and these are the basis of the Arboricultural Method Statement and the Tree Protection Plan at **Appendix 3**:

- Topographical Survey (Drawing Ref. **Hollingworth Visitors Centre**).
- Development Layout (Drawing Ref. **planning proposals-site layout and ranger pod-rev A**).

1.3 Status of the Method Statement

1.3.1 This Arboricultural Method Statement should be included as part of the specification and schedule of works issued to the building contractor and can form part of the contract.

1.3.2 This Arboricultural Method Statement should be available on site for inspection by the local authority, contractors and other relevant persons.

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2. Tree Works Prior, During and Post Construction

2.1 Tree Works Prior to Construction

2.1.1 Prior to any construction activity, the first operation on site will be the undertaking of the necessary arboricultural works, as described at **Appendix 1**.

2.1.2 The tree works include:

- The removal of **T19** and **T21**, for arboricultural reasons.
- The removal of **T12, T13, T15, T17, T24** and **T25**, to facilitate the proposed development.

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2.2.1 In this case, no tree works are envisaged to be required during or after the construction phase.

2.2.2 Damage to trees within influencing distance of the proposed development during the construction phase should be entirely prevented by the installation of a light use temporary protective barrier in order to create a Construction Exclusion Zone (CEZ). All persons on site must be aware of limitations that apply within the CEZ (please refer to **Section 3.1.3**).

2.2.3 If any trees on site are damaged, this must be immediately reported to JCA to agree on appropriate remedial action. Contact numbers for all parties can be found at **Section 7**.

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2.3.1 All work must be undertaken to BS 3998: 2010 - *Recommendations for tree work* and carried out by qualified, experienced and, ideally, Arboricultural Association approved contractors who must be adequately insured.

2.3.2 Any defects seen by a contractor or the client that were not apparent to the consultant must be brought to the attention of JCA immediately.

2.3.3 No liability can be accepted by JCA in respect of the trees unless the recommendations of this Method Statement are carried out under our supervision.

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3.1.1 As the majority of the site is to remain in use as a car parking and leisure facility throughout the construction phase it is not deemed practicable to install protective fencing in accordance with BS5837: 2012.

3.1.2 As such; on this occasion, it is recommended that a light use barrier comprised of an orange mesh barrier attached to wooden posts or road pins is installed to the side and rear of the existing building in order to provide some protection to those trees detailed as **G5, T6, T7, G8, G14** and **T16** within this report. **The area behind this fencing is to be considered a restricted area; no pedestrians, vehicles, equipment or machinery are allowed within the CEZ and the storage of materials is not permitted, unless specified within this Method Statement**

3.1.3 Once the fencing is installed, waterproof signs with the sentence '*Protected tree zone, no storage or operations within this are*a' are to be placed at 3m intervals to ensure that all personnel are aware of the restrictions that apply to the cordoned off area. A prepared sign is available at **Appendix 2**.

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3.4 Removal of the Protective Barrier

3.4.1 When the development phase is complete and the main site machinery has been removed, the protective fencing may be dismantled and removed from site.

3.4.2 It should be noted the same restrictions apply to all RPAs as the CEZ (please refer to **Section 3.1.2**).

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4. Construction Phase

4.1 Demolition Works

4.1.1 No significant demolition works are required adjacent to retained trees.

4.2 Ground Level Changes

4.2.1 No ground level changes are required within the RPA of any tree to be retained on this site. As such no mitigation actions are considered necessary.

4.3 Construction of Hard Surfaces

4.3.1 No new hard surfaces are proposed within the RPA of retained trees. As such, no specialist mitigation actions are required.

4.4 Construction of Extensions & Ranger Pod

4.4.1 The footprints of the proposed extensions to the main building and ranger pod (which are each to be easily installed modular units), do not incur the RPA of retained trees. As such no specialist construction or foundation methods are considered necessary for the sole purpose of preventing damage to trees.

4.5 Excavations and Services

4.5.1 In this case the routing of the proposed utilities is situated outside the RPAs of retained trees. As such, no mitigation actions are considered necessary to mitigate potential damage to tree roots.

4.6 Location of the Site Compound

4.6.1 The site compound, typically including the site office, mess facilities, toilets, storage of materials and parking, must be located away from, and outside the RPA of retained trees.

4.6.2 Those areas designated for the storage and/or mixing of chemicals, including petrol, diesel and oils must also be located away from, and outside the RPA of retained trees. Such areas should be constructed with consideration to, and contingencies for, the occurrence of spillages, preventing the leaching of chemicals into unprotected, open ground.

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5. Post Construction Phase

5.1 Post Construction Landscaping

5.1.1 Following completion of the main construction phase, the protective fencing may be removed, and the landscaping phase can commence.

5.1.2 The proposals include for the installation of wooden boundary fences and a bin store. Where these are located within the RPA of retained trees, post holes will be dug by hand and they are to be as small as practically possible. They may be driven in either by hand or using mechanical means. However, if construction plant is to be used, it must work from outside of the RPA at all times.

5.1.3 The retained trees on site may be subject to some form of landscaping or seeding beneath their canopies after the development phase.

5.1.4 Landscaping works must be carried out in such a way as to avoid ground level changes or deep digging within RPAs. Tractor mounted rotovation or other mechanised cultivation methods must not be used within the RPAs of retained trees.

5.1.5 Heavy machinery is not permitted in the vicinity of retained trees, unless otherwise stated in this method statement.

5.1.6 Herbicides should be appropriate for the purpose and should not be used in such a way as to damage any retained trees or vegetation.

5.2 Tree Planting Scheme

5.2.1 A Tree Planting Scheme has been formalised for this development as part of the proposals. The planting of trees may go ahead in the first tree planting period after construction is complete (circa the start of October to the end of March).

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6. Timescale of Works

6.1.1 The timescale for arboricultural requirements are summarised below:

Timescale	Action	✓	Initial
Stage 1	All requirements listed in the planning consent are approved by the Local Authority planning office.		
Stage 2	Undertake the tree works (as detailed at **Appendix 1)**.		
Stage 3	Install the temporary protective fencing around the trees (as detailed at **Appendix 2** and as shown on the Tree Protection Plan at **Appendix 3**).		
Stage 4	Have the Local Planning Authority or Arboricultural Consultant inspect the fencing measures **prior** to any on site construction. Once inspected, the protective fencing must not to be moved or breached.		
Stage 5	Undertake the construction phase.		
Stage 6	Following the completion of the construction phase and when all site traffic and machinery has left, the protective fencing can be removed.		
Stage 7	Undertake any proposed landscaping in line with **Section 5.1**.		
Stage 8	Undertake the Tree Planting Scheme.		

7. Relevant Contact Details

Contact Name	Organisation/Detail	Contact Number
Andrew Bussey Arboricultural Consultant	JCA Limited	01422 376335
Tree Officer	Rochdale Metropolitan Borough Council	01706 647474
TBC Site Manager	TBC	TBC

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Appendices

Appendix 1: Tree Works Schedule

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TREE PROTECTION ZONE

KEEP OUT!

TREES ENCLOSED BY THIS FENCE ARE PROTECTED
BY STRICT PLANNING CONDITIONS

ANY DAMAGE CAUSED TO THESE TREES MAY
RESULT IN **CRIMINAL PROSECUTION**

RESTRICTED AREA:

- THE PROTECTIVE FENCE MUST NOT BE MOVED OR BREACHED
- NO PERSON, MACHINERY, VEHICLE OR PLANT IS PERMITTED WITHIN THE TREE PROTECTION ZONE
- NO MATERIALS SHALL BE STORED WITHIN THE TREE PROTECTION ZONE
- NO EXCAVATIONS ARE PERMITTED WITHIN THE TREE PROTECTION ZONE
- NO SPOIL IS TO BE DEPOSITED WITHIN THE TREE PROTECTION ZONE
- NO FIRES ARE TO BE LIT WITHIN THE TREE PROTECTION ZONE

REPORT TREE DAMAGE TO JCA LIMITED ON
01422 376 335

Appendix 3: Tree Protection Plan

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I hope that this report provides all the necessary information, but should any further advice be needed please do not hesitate to contact the author.

Signed



.....

Andrew Bussey *LANTRA Accredited PTI.*

28th January 2021

For and on behalf of ***JCA Ltd***

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JCA Ltd. Arboricultural and Ecological Consultants
Professional Tree and Ecology Advice nationwide

ARBORICULTURAL SERVICES

Guidance for Architects and Developers

- British Standard 5837 Tree Surveys
- Arboricultural Implication Assessments (AIA)
- Arboricultural Method Statements (AMS)

Advice for Engineers, Loss Adjusters and Insurers

- Tree Surveys for Subsidence
- Heave Assessment
- Tree Root Identification

Advice for Local Authorities and Social Housing

- Tree Safety Surveys
- Specialist Decay Detection
- Landscape and Orchard Design

Tree Advice for the Legal Profession

- Subsidence Litigation
- Personal Injury and Accident Investigation
- Expert Witness, Planning Inquiries and Appeals

Veteran Tree Management

- Ancient Woodland Management
- Veteran Tree Management

Tree Health and Pest and Disease Management

- Pest and Disease Surveys
- Tree Health Checks
- Disease Mitigation and Control

ECOLOGICAL SERVICES

Ecological Pre-Planning Services

- Phase 1 Habitat Surveys
- Great Crested Newt eDNA Sampling
- Protected Species: Bat, Wintering and Nesting Bird, Badger, Amphibian, Otter, Water Vole, White-Clawed Crayfish, Dormice and Reptile Surveys.
- Preparation for Environmental Impact Assessment (EIA)
- Invasive Species Surveys
- Code for Sustainable Homes

Ecological Post-Planning Services

- Biodiversity Enhancement Plans
- Protected Species Mitigation
- Ecological Management (Bat and Bird box installation and inspection)



HEAD QUARTERS:

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Mobile: 07778 391986
Email: jon@jcaac.com
Website: www.jcaac.com

Company Reg No. 05005041
VAT No. 686 4674 78

Tree Ref.	Age Common Name *Botanical Name*	Height (m)	Crown Height (m)	Height (m) and Direction of the Lowest Branch	Diameter (cm)	Crown Spread N W E S	Observations	Recommendations Priority	Physiological Condition	Structural Condition	Amenity Value	NHBC Water Demand	Life Expectancy (yrs)	Retention Category
T 1	Young Crab Apple *Malus sylvestris*	3	1	1 n/a	8	1.5 1.5 1.5 1.5	Single-stemmed and vertical with a balanced crown. Minor wound at the base.	No action required. n/a	GOOD	FAIR	LOW	MOD	10+	C 1
T 2	Semi-mature Himalayan Birch *Betula utilis 'Jacquemontii'*	5	0.5	0.5 n/a	12, 8, 7	2.5 2.5 2.5 2.5	Multi-stemmed at 0.5m with a balanced crown. No evidence of significant pruning. No major visible defects.	No action required. n/a	GOOD	GOOD	MOD	LOW	20+	B 1
T 3	Semi-mature Crab Apple *Malus sylvestris*	3.5	1	1 n/a	10	1.8 1.5 1.8 1.8	Single-stemmed with a slight lean and a reasonably balanced crown. Occasional pruning wounds. No major visible defects.	No action required. n/a	GOOD	GOOD	LOW	MOD	20+	C 1
T 4	Early-mature Holm Oak *Quercus ilex*	7	2	2 n/a	22 x 4 Avg.	4.5 0 5 4	Multi-stemmed at 0.5m with an unbalanced crown. Occasional pruning wounds. No major visible defects.	No action required. n/a	GOOD	GOOD	MOD	HIGH	40+	B 1
G 5	Semi-mature Mixed species *Details in observations*	To 10	0+	0+ n/a	To 30	See plan	A linear group of Hazel, Holly, Beech and Downy Birch located on the woodland edge. No major visible defects.	No action required. n/a	GOOD	GOOD	MOD	LOW TO MOD	40+	B 2
T 6	Early-mature Downy Birch *Betula pubescens*	14	4	2.5 E	33	4 3 4 3.5	Single-stemmed and vertical with a balanced crown. No evidence of significant pruning. No major visible defects.	No action required. n/a	GOOD	GOOD	MOD	LOW	20+	B 1
T 7	Early-mature Downy Birch *Betula pubescens*	13	4	4 n/a	35	3.5 3.5 3.5 3.5	Single-stemmed and vertical with a balanced crown. No evidence of significant pruning. No major visible defects.	No action required. n/a	GOOD	GOOD	MOD	LOW	20+	B 1
G 8	Early-mature Beech *Fagus sylvatica*	To 13	2+	2+ n/a	To 35	See plan	Woodland trees of good form. Not fully inspected due to limited access.	No action required. n/a	GOOD	GOOD	MOD	MOD	40+	B 2
T 9	Early-mature Sycamore *Acer pseudoplatanus*	11	2	3 n/a	41	5 5 5 5	Single-stemmed and vertical with a balanced crown. Occasional pruning wounds. No major visible defects.	No action required. n/a	GOOD	GOOD	MOD	MOD	40+	B 1
T 10	Early-mature English Oak *Quercus robur*	2	1	1 n/a	40	1 1 1 1	A topped stem with regrowth.	No action required. n/a	FAIR	FAIR	LOW	HIGH	10+	C 1

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G 11	Early-mature Mixed species *Details in observations*	To 14	2+	2+ n/a	To 58	See plan	A linear group of Beech, Norway Maple and English Oak of good form. No major visible defects.	No action required. n/a	GOOD	GOOD	MOD	MOD TO HIGH	40+	1 B 2
T 12	Early-mature Norway Maple *Acer platanoides*	11	2	4 n/a	55	6 6 6 6	Multi-stemmed at 3m with a balanced crown. Occasional pruning wounds. No major visible defects.	Remove in order to facilitate the proposed development. n/a	GOOD	GOOD	MOD	MOD	40+	B 1
T 13	Early-mature Norway Maple *Acer platanoides*	10	3	3 n/a	50	6 6 6 6	Single-stemmed and vertical with a balanced crown. Occasional pruning wounds. No major visible defects.	Remove in order to facilitate the proposed development. n/a	GOOD	GOOD	MOD	MOD	40+	B 1
G 14	Semi-mature Mixed species *Details in observations*	To 10	0+	0+ n/a	To 20	See plan	Holly, Hazel and Common Alder of reasonable form. No major visible defects.	No action required. n/a	GOOD	GOOD	LOW	LOW TO MOD	20+	C 2
T 15	Early-mature Norway Maple *Acer platanoides*	13	4	4 n/a	43	5 5 5 5	Twin-stemmed at 4m with a balanced crown. Occasional pruning wounds. No major visible defects.	Remove in order to facilitate the proposed development. n/a	GOOD	GOOD	MOD	MOD	40+	B 1
T 16	Early-mature Norway Maple *Acer platanoides*	13	4	4 n/a	42	4 3.5 6 5	Twin-stemmed at 4m with a balanced crown. Occasional pruning wounds. No major visible defects.	No action required. n/a	GOOD	GOOD	MOD	MOD	40+	B 1
T 17	Early-mature Norway Maple *Acer platanoides*	12	3	4 n/a	59	5 3.5 5 5	Twin-stemmed at 3m with a balanced crown. Occasional pruning wounds. No major visible defects.	Remove in order to facilitate the proposed development. n/a	GOOD	GOOD	MOD	MOD	40+	B 1
T 18	Semi-mature Japanese Maple *Acer palmatum*	3	1	0.5 n/a	10 x 3 Avg.	1.5 2 0 1.5	Multi-stemmed at ground level with an unbalanced crown. Occasional pruning wounds. No major visible defects.	No action required. n/a	GOOD	GOOD	LOW	MOD	20+	C 1
T 19	Early-mature Norway Maple *Acer platanoides*	9	3	4 n/a	41	6 6 6 5	Multi-stemmed at 3.5m with a balanced crown. Occasional pruning wounds. Significant included bark present at the stem junction, this tree is likely to fail in the short term.	Remove to ground level. High	GOOD	POOR	MOD	MOD	<10	U
G 20	Early-mature Mixed species *Details in observations*	To 16	2+	2+ n/a	To 48	See plan	A group of English Oak, Field Maple and Norway Maple of good form. No major visible defects.	No action required. n/a	GOOD	GOOD	MOD	MOD TO HIGH	40+	1 B 2

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T 21	Early-mature Norway Maple *Acer platanoides*	13	3	3 n/a	52	4.5 4.5 4.5 4.5	Twin-stemmed at 2m with a balanced crown. Significant included bark present at the stem junction, this tree is likely to fail in the short term.	Remove to ground level. High	GOOD	POOR	MOD	MOD	<10	U
T 22	Early-mature Norway Maple *Acer platanoides*	13	3	3 n/a	35	3 5 5 2.5	Twin-stemmed at 2.5m with a balanced crown. Torn out branch wound present at circa 2.5m	Monitor annually. Low	GOOD	FAIR	MOD	MOD	10+	C 1
T 23	Early-mature Beech *Fagus sylvatica*	15	4	3 n/a	43	7 7 4.5 4.5	Single-stemmed and vertical with a balanced crown. Occasional pruning wounds. No major visible defects.	No action required. n/a	GOOD	GOOD	MOD	MOD	40+	B 1
T 24	Early-mature Common Ash *Fraxinus excelsior*	13	2	2.5 n/a	23	3.5 2.5 2.5 2	Single-stemmed with a slight lean and a reasonably balanced crown. Occasional pruning wounds. No major visible defects.	Remove in order to facilitate the proposed development. n/a	GOOD	GOOD	LOW	MOD	20+	C 1
T 25	Early-mature Beech *Fagus sylvatica*	13	1.5	23 n/a	29	4 4 3 3	Single-stemmed with a slight lean and a reasonably balanced crown. Occasional pruning wounds. No major visible defects.	Remove in order to facilitate the proposed development. n/a	GOOD	GOOD	LOW	MOD	40+	C 1



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7. Relevant Contact Details

Contact Name	Organisation/Detail	Contact Number
Andrew Bussey Arboricultural Consultant	JCA Limited	01422 376335
Tree Officer	Rochdale Metropolitan Borough Council	01706 647474
TBC Site Manager	TBC	TBC

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Appendices

Appendix 1: Tree Works Schedule

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TREE PROTECTION ZONE

KEEP OUT!

TREES ENCLOSED BY THIS FENCE ARE PROTECTED
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ANY DAMAGE CAUSED TO THESE TREES MAY
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REPORT TREE DAMAGE TO JCA LIMITED ON
01422 376 335

Appendix 3: Tree Protection Plan

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I hope that this report provides all the necessary information, but should any further advice be needed please do not hesitate to contact the author.

Signed



.....

Andrew Bussey *LANTRA Accredited PTI.*

28th January 2021

For and on behalf of ***JCA Ltd***

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Professional Tree and Ecology Advice nationwide

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- Biodiversity Enhancement Plans
- Protected Species Mitigation
- Ecological Management (Bat and Bird box installation and inspection)



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Email: jon@jcaac.com
Website: www.jcaac.com

Company Reg No. 05005041
VAT No. 686 4674 78

N

W E

S



Appendix 3:
Tree Protection Plan

ADDRESS: Hollingworth Lake Visitors Centre, Littleborough, Lancashire, OL15 0AQ.
JCA REF: 16522-D/AJB.

SCALE: 1:200	PAPER SIZE : A1

SURVEYED BY: AJB	DRAWN BY: AJB	APPROVED BY: CC

	TREE TO BE RETAINED
	TREE TO BE REMOVED
	STEM OF TREE TO BE RETAINED
	STEM OF TREE TO BE REMOVED
	ROOT PROTECTION AREA (RPA)
	PROTECTIVE FENCE LINE (CEZ)

JCA Limited

Arboricultural & Ecological Consultants

TREE PROTECTION MEASURES

THE ROOT PROTECTION AREA (RPA) SHOULD IDEALLY REMAIN UNDISTURBED IF THE TREE IS TO BE RETAINED.

UNLESS OTHERWISE STATED IN THE ARBORICULTURAL METHOD STATEMENT, THE RPA NEEDS TO REMAIN UNDISTURBED.

TO ACHIEVE THIS, PROTECTIVE FENCING WILL BE INSTALLED TO ENCLOSE THE RPA TO MAKE A CONSTRUCTION EXCLUSION ZONE (CEZ);

THIS AREA IS TO BE CONSIDERED A RESTRICTED AREA; NO PEDESTRIANS, VEHICLES, THE STORAGE OF MATERIALS, EQUIPMENT OR MACHINERY ARE ALLOWED WITHIN THE CEZ, UNLESS SPECIFIED WITHIN THE ARBORICULTURAL METHOD STATEMENT.

IT IS IMPORTANT THAT THE PROTECTIVE FENCING IS CHECKED BY THE LPA OR THE ARBORICULTURAL CONSULTANT PRIOR TO ANY CONSTRUCTION WORKS BEING CARRIED OUT. IF THE TREE PROTECTION MEASURES ARE NOT CORRECTLY INSTALLED OR IF THEY DO NOT COMPLY WITH BS 5837: 2012, THIS COULD RESULT IN DAMAGE BEING CAUSED TO TREES AND CONSEQUENTLY A STOP NOTICE MAY BE SERVED BY THE LPA.

THIS PLAN IS TO BE PRINTED IN COLOUR AND READ IN CONJUNCTION WITH THE JCA ARBORICULTURAL REPORT (JCA REF: 16522-D/AJB)

0 1 2 3 4 5 10 15 20 metres



ARBORICULTURAL METHOD STATEMENT
to BS 5837:2012
at
Hollingworth Lake Visitor Centre
Littleborough
Lancashire
OL15 0AQ

Client:
AJ Cocker Associates

Client Address:
176 Drake Street
Rochdale
Lancashire
OL16 1UP

Client Telephone:
01706 764 880

JCA Ref:
16522-D/AJB

JCA Limited
Arboricultural & Ecological Consultants

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1. Introduction

1.1 Purpose of the Method Statement

1.1.1 This Arboricultural Method Statement has been prepared to ensure good practice in the protection of retained trees during the development at **Hollingworth Lake Visitor Centre**, **Littleborough**.

1.2 Terms of Reference

1.2.1 JCA Limited is instructed by **AJ Cocker Associates** to prepare an Arboricultural Method Statement for the proposed development, based on our arboricultural report dated 11th December 2020 (JCA Ref: **16522/AJB**). The arboricultural survey and report conforms to the most recent specifications outlined in BS 5837: 2012 *Trees in relation to design, demolition and construction - Recommendations.*

1.2.2 We are informed that the proposed development will comprise of the following; '*Proposed alterations and extensions to existing building to form animal welfare and rescue centre, café and community facilities including provision of new public toilets and park ranger accommodation*'.

1.2.3 The following drawings have been provided and these are the basis of the Arboricultural Method Statement and the Tree Protection Plan at **Appendix 3**:

- Topographical Survey (Drawing Ref. **Hollingworth Visitors Centre**).
- Development Layout (Drawing Ref. **planning proposals-site layout and ranger pod-rev A**).

1.3 Status of the Method Statement

1.3.1 This Arboricultural Method Statement should be included as part of the specification and schedule of works issued to the building contractor and can form part of the contract.

1.3.2 This Arboricultural Method Statement should be available on site for inspection by the local authority, contractors and other relevant persons.

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2. Tree Works Prior, During and Post Construction

2.1 Tree Works Prior to Construction

2.1.1 Prior to any construction activity, the first operation on site will be the undertaking of the necessary arboricultural works, as described at **Appendix 1**.

2.1.2 The tree works include:

- The removal of **T19** and **T21**, for arboricultural reasons.
- The removal of **T12, T13, T15, T17, T24** and **T25**, to facilitate the proposed development.

2.2 Tree Works During or Post Construction

2.2.1 In this case, no tree works are envisaged to be required during or after the construction phase.

2.2.2 Damage to trees within influencing distance of the proposed development during the construction phase should be entirely prevented by the installation of a light use temporary protective barrier in order to create a Construction Exclusion Zone (CEZ). All persons on site must be aware of limitations that apply within the CEZ (please refer to **Section 3.1.3**).

2.2.3 If any trees on site are damaged, this must be immediately reported to JCA to agree on appropriate remedial action. Contact numbers for all parties can be found at **Section 7**.

2.3 Recommendations for Tree Works

2.3.1 All work must be undertaken to BS 3998: 2010 - *Recommendations for tree work* and carried out by qualified, experienced and, ideally, Arboricultural Association approved contractors who must be adequately insured.

2.3.2 Any defects seen by a contractor or the client that were not apparent to the consultant must be brought to the attention of JCA immediately.

2.3.3 No liability can be accepted by JCA in respect of the trees unless the recommendations of this Method Statement are carried out under our supervision.

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3. The Protective Barrier Prior, During and Post Construction

3.1 Protective Barrier Prior to Construction

3.1.1 As the majority of the site is to remain in use as a car parking and leisure facility throughout the construction phase it is not deemed practicable to install protective fencing in accordance with BS5837: 2012.

3.1.2 As such; on this occasion, it is recommended that a light use barrier comprised of an orange mesh barrier attached to wooden posts or road pins is installed to the side and rear of the existing building in order to provide some protection to those trees detailed as **G5, T6, T7, G8, G14** and **T16** within this report. **The area behind this fencing is to be considered a restricted area; no pedestrians, vehicles, equipment or machinery are allowed within the CEZ and the storage of materials is not permitted, unless specified within this Method Statement**

3.1.3 Once the fencing is installed, waterproof signs with the sentence '*Protected tree zone, no storage or operations within this are*a' are to be placed at 3m intervals to ensure that all personnel are aware of the restrictions that apply to the cordoned off area. A prepared sign is available at **Appendix 2**.

3.2 Checking the Protective Fencing Prior to Construction

3.2.1 Once installed, the appointed arboriculturalist will be invited on site to inspect the protective fencing, ensuring that it is located in the correct position and that it has been constructed in accordance with this Method Statement. No other work, including soil stripping, excavation, or the bringing onto site of materials or machinery, shall commence until the barrier is installed and confirmed to be acceptable by the appointed arboriculturalist.

3.2.2 It is important that the protective fencing be checked by the LPA or an arboricultural consultant prior to any construction works being carried out on site. **If at any time during construction the protective fencing is not correctly installed, or if it does not comply with BS 5837: 2012, this could result in damage being caused to trees and consequently, a stop notice may be served by the LPA.**

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3.3 Protective Fencing During Construction

3.3.1 No operations shall take place which require the removal of part of the protective fencing without prior agreement with the Local Planning Authority.

3.3.2 The protective fencing must be inspected for faults or damage by the site manager or other responsible named person on a regular basis and a written record kept. Any faults or defects must be repaired or replaced as soon as is reasonably practicable. Details of the site manager and relevant contact details can be found at **Section 7**.

3.4 Removal of the Protective Barrier

3.4.1 When the development phase is complete and the main site machinery has been removed, the protective fencing may be dismantled and removed from site.

3.4.2 It should be noted the same restrictions apply to all RPAs as the CEZ (please refer to **Section 3.1.2**).

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REPORT TREE DAMAGE TO JCA LIMITED ON
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Appendix 3: Tree Protection Plan

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Signed



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Andrew Bussey *LANTRA Accredited PTI.*

28th January 2021

For and on behalf of ***JCA Ltd***

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