Note: Trees T4 - T7, T11 - T20, T24, T27, T29 - T32, hedgerow H1and groups G1, G2, G3, G4, G5 & G7 have all been removed during January - May of 2018 as per planning permission 2017/62/92536/W.

Note: No unauthorised excavations are to be carried out within the RPAs of any retained trees. Any level changes must form part of a construction method statement & must protect the rooting environments of all retained trees.

Issue: Proposed extension is partially located within the RPA of tree T33.
Solution: Excavations for the extension foundations within the RPA of T33 are to be carried out under arboricultural supervision

Issue: Proposed garden wall is partially located within the RPAs of trees T28 & T33.
Solution: Excavation for the wall within the RPA are to be carried out under arboricultural supervision

Issue: Proposed property is partially located within the RPA of tree T22.
Solution: Excavations within the RPA are to be carried out under arboricultural supervision

Issue: Proposed hard surfacing removal and replacement is partially situated within the RPAs of trees: T21, T22, T23, T25, T26 & T28.
Solution: Proposed hard surfacing removal and replacement is to be carried out under the supervision of the project arboriculturalist.

Daisy Lea Lane
The Lodge
34
Daisy L
Daisy House
T33
G9
T32
T31
T30
29
Gate
Gate
Wall
Foul - connect to exg
SOAKAWAY
T28
G7
Driveway
Position of garage as per previous outline approval 2016/60/93702/W
Garage for Daisy Lea Lodge
T1
T2
T3
G1
T27
G6
Garage For New Dwelling
T26
Driveway
G2
T4
T5
T6
T8
A
T7
H1
COURTYARD
Soakaway
G7
T25
G8
T24
B
T23
C
New Detached Dwelling
FFL +186.62
T15
T9
T11
T10
T14
T13
T12
T16
T17
T18
T19
T22
Pergola
T20
Terrace
Foul Soakaway
US Soakaway
T21
G3
Soakaway
Raised Beds
Lawn
Soakaway
G4
Greenhouse
Sycamores
G5
0m 1m 3m 5m 10m 15m 20m

Tree Categories

Trees are categorised in accordance with the cascade chart in Table 1 of the British Standard BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'

Category 'U' - Trees in such condition that they cannot realistically be retained as living trees in context of the current land use for longer than 10 years.
Category 'A' - Trees of high quality with an estimated remaining life expectancy of at least 40 years.
Category 'B' - Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.
Category 'C' - Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm.

Root Protection Area

In order to avoid damage to the roots or rooting environment of retained trees, the Root Protection Areas (RPAs) should be plotted around each of the category A, B and C trees. This is a minimum area in m² which should be left undisturbed around each retained tree.

The RPA is calculated using the British Standard BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations.

The calculated RPA is capped to 707m², which is the equivalent to a circle with a radius of 15m. Where there appears to be restrictions to root growth the root protection area is reshaped to more accurately reflect the likely distribution of the roots.

Arboricultural Impacts

Impacts	Nos. of trees
Trees to be removed	0
Groups to be removed	1
Trees with proposed incursions into RPAs	7
Groups with proposed incursions into RPAs	0
Trees that will require pruning	0
Groups that will require pruning	0

Arboricultural Impacts

No.	Species	Proposed structure	Incursion
T21	Sycamore	Driveway	RPA
T22	Common lime	Driveway & property	RPA
T23	Cherry laurel	Driveway	RPA
T25	Leyland cypress	Driveway	RPA
T26	Leyland cypress	Driveway	RPA
T28	Sycamore	Driveway & garden wall	RPA
T33	Sycamore	Garden wall & extension	RPA

Tree Work Schedule

No.	Species	Works	Category
G9	Various	Fell to ground level; remove stumps	C2

All tree work is to be undertaken in accordance with British Standard BS 3998:2010 Tree work - Recommendations.
All arising's are to be removed and the site is to be left as found.
Care is to be taken of the ground around retained trees to make sure that it does not become compacted as a result of tree surgery operations. No equipment or vehicles such as timber lorries, tractors, excavators or cranes shall be parked or driven beneath the crowns of any retained trees, to prevent subsequent compaction and root death.

No. of individual trees to be removed

U	A	B	C
0	0	0	0

No. of groups to be removed

U	A	B	C
0	0	0	1

Arboricultural Method Statement

All tree work is to be undertaken in accordance with British Standard BS3998. Please refer to Arbtech Consulting Ltd. Tree Schedule, Aboricultural Method Statement and Tree Protection Plan, for full details of all surveyed trees and how all aspects of the development maybe implemented without detriment to retained trees.

ARBTECH
Unit 3, Well House Barns, Chester, CH4 0DH
www.arbtech.co.uk, email@arbtech.co.uk, 01244 661170

Project:
34 Daisy Lea Lane,
Huddersfield,
Yorkshire,
HD3 3LP

Client:
Michael Lee

Drawing:
Arboricultural Impact Assessment

Based on:
Site plan 20180509

Drawing No:	Rev:
Arbtech AIA 01	

Date:	Scale:	Drawn:
May 2018	1:150 @ A1	AST

Key:

Tree Nos.:	T1	Tree Canopies:		Trunks:	
RPAs:		Category 'U' trees:		Category 'A' trees:	
Category 'B' trees:		Category 'C' trees:		Tree previously removed:	T4
Incursion - Hard surfacing:		Incursion - Hard structures:			

All dimensions should be checked on site. No dimensions are to be scaled from this drawing.
Please notify us of any discrepancies found. Arbtech Consulting Ltd. cannot be held responsible for inaccuracies in the base drawing in which this plan is based.
This drawing is designed to reflect the principles of the layout or design only, and relates only to the protection of retained trees.
This drawing is not to be read as a definitive part of the engineering or construction designs or method statement. An architect or structural engineer should be contacted over any matters of construction, detailing or specification and for any standards or regulatory requirements relating to proposed structures, hard surfacing or underground services.
This drawing was produced in colour - a monochrome copy should not be relied upon.

© Arbtech Consulting Ltd, 2016