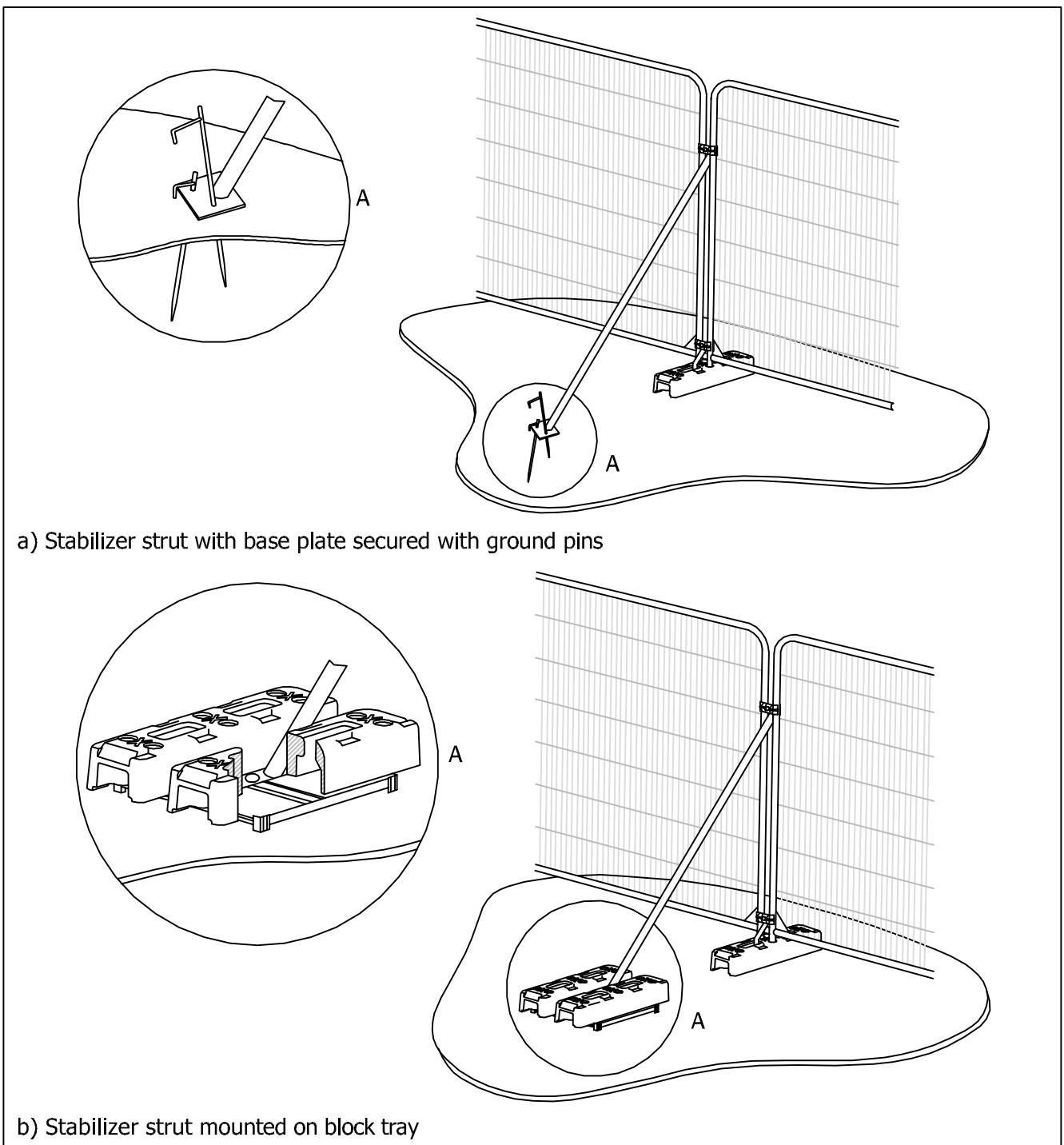


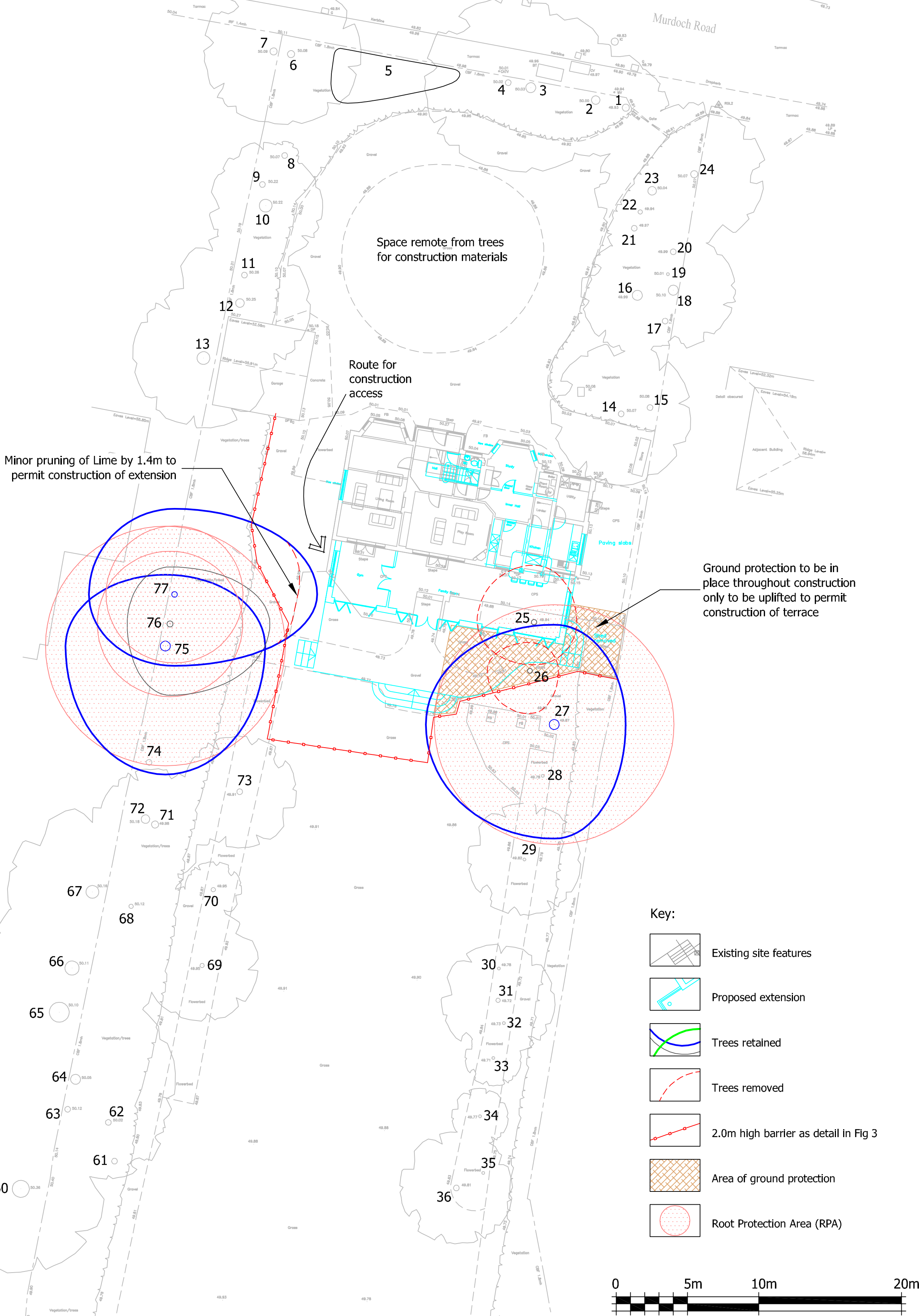
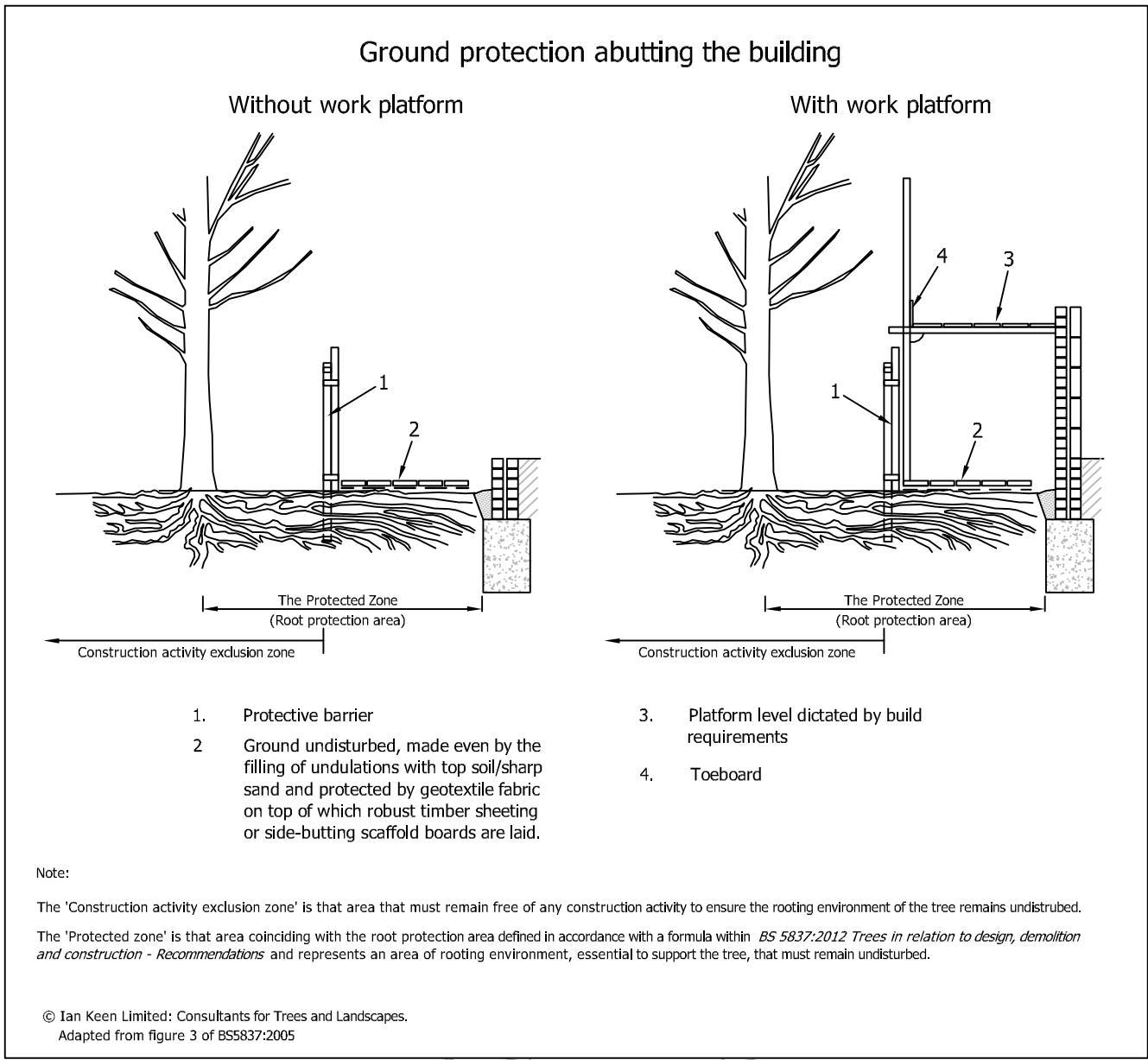
SURVEY OF TREES AT WOODHEWERS, 19 MURDOCH ROAD, WOKINGHAM																						
Tree No.	Species	Ht (m)	Branch Spread (m)		Stem diameters (cm)							More than 5 stems	Height of crown stems	Height of first major branch (m)	Branch (m) and direction of spread	Age class	Category grading	Estimated remaining contribution (yrs)	Condition Physiological / Structural	Tree Works to BS 3998	Root protection radius (m)	Root protection area sqm
			N	E	S	W	Single Stem	2-5 stems														
								Stem 1	Stem 2	Stem 3	Stem 4											
1	Corsican Pine																	Deadwood over driveway and path	Remove all deadwood in excess of 25mm in diameter.			
2	Corsican Pine																					
3	Corsican Pine																	Branch interfering with telephone cable.	Prune to provide 2 metres clearance from telephone wires			
4	Corsican Pine																					
5	Young Corsican Pine and Lawson Cypress																					
6	Horse Chestnut																	Low over road.	Prune to raise crown to 5.2 metres over carriageway.			
7	Norway Maple																					
8	Lawson Cypress																					
9	Sweet Chestnut																					
10	Sweet Chestnut																	Large section of deadwood in lower crown over driveway	Remove all deadwood in excess of 25mm in diameter.			
11	Yew																					
12	Sycamore																					
13	Wellingtonia																					
14	Yew																	Lower branches close to dwelling.	Prune to provide 2 metres clearance from dwelling.			
15	Lawson Cypress																					
16	Scarlet Oak																					
17	Hollyhock Holly																					
18	Sweet Chestnut																					
19	Lawson Cypress																					
20	Lawson Cypress																					
21	Sweet Chestnut																					
22	Hollyhock Holly																					
23	Scarlet Oak																					
24	Horse Chestnut																					
25	Holly	9	4	3	3	4	38											Pruned to maintain clearance from dwelling but in close proximity.	Remove.	4.56	65	
26	Lawson Cypress	9	2	2	3	3	31	17										Twin-stemmed from ground level. Poor union between stem at circa 0.5 metre above ground level.	Remove.	4.24	57	
27	Sweet Chestnut	14	7	5	8	9	69											Long isolated stem having regrown from pollarding at circa 4 metres above ground level.		8.28	215	
28	Lawson Cypress																					
29	Scots Pine																					
30	Lawson Cypress																					
31	Sweet Chestnut																					
32	Lawson Cypress																					
33	Yew																					
34	Lawson Cypress																					
35	Wellingtonia (young)																					
36	Blue Atlas Cedar																	Loss of co-dominant stem from circa 5 metres above ground level	Wound should occlude quickly in this young tree however removal would favour underlying Wellingtonia.			
37	London Plane																					
38	Scots Pine																					
39	Norway Maple																					
40	Horse Chestnut																	Suppressed by adjacent tree.	Removal would favour development of tree number 39.			
41	Evergreen Oak																	Dominated by tree 42.				
42	Norway Maple																	Lower branches dominating tree 41.	Prune to provide 3 metres clearance from tree 41.			
43	Monterey Cypress																					
44	Norway Maple																	Extensive dead bark on larger of three stems. Diminished foliage on the two larger stems.	Remove two larger stems retaining better stem to south.			
45	English Oak																	Crown development compromised by tree 44. Will benefit from removal of stems from tree 44.				
46	Horse Chestnut																	Predominantly dead stem to south	Remove dead stem.			
47	Scots Pine																					
48	Eucalyptus																	Previously large tree reduced in height to circa 3 metres and then allowed to regrow. Decay at old pruning points. Death of bark on lower stem.	Reduce regrowth back to 3 metre stump and allow to reshoot.			
49	Scots Pine																					
50	Sweet Chestnut																					
51	Cherry																					
52	Group of Lawson Cypress																					
53	Sycamore																					
54	Eucalyptus stump																	Overgrown with ivy				
55	Purple Norway Maple																	Ivy-clad stem.				
56	Norway Maple																					
57	Scots Pine																					
58	Crab Apple																					
59	Group of Scots Pine																	Occasional small Sweet Chestnut, Sycamore and Yew within group.				
60	Wellingtonia																					
61	Horse Chestnut																					
62	Holly																					
63	Holly																					
64	Sycamore																	Ivy beginning to dominate.	Sever ivy at base and allow to die.			
65	Wellingtonia																					
66	Decodar Cedar																					
67	Cedar of Lebanon																					
68	Lawson Cypress																					
69	Sweet Chestnut																					
70	Lawson Cypress																					
71	Sycamore																					
72	Lawson Cypress																					
73	Sweet Chestnut																					
74	Lawson Cypress																					
75	Sweet Chestnut	17	5	7	9	7	71											Large diameter stem but relatively insignificant crown.		8.52	228	
76	Sweet Chestnut	15	4	7	5	3	42											Short twig extension may indicate decline. Check for vitality in Summer.		5.04	80	
77	Lime	17	6	10	5	6												Multi-stemmed form.	Prune by 1.4m to permit construction of extension.	4.76	71	

Key to Schedule of Trees	
Column Heading	Explanation
TPO No	If applicable and where known
Tree No	Unique number corresponding with number on plan
Species	English name
Ht (m)	Height in metres
Branch Spread	Crown width in metres to cardinal points of the compass
Stem Dia	All measurements conform to Annex C of BS 5837:2012
	Single stem - Stem diameter in centimetres measured at 1.5m above ground level
	Multi-stemmed tree with 2 to 5 stems - Diameter of each stem
	Multi-stemmed tree with more than 5 stems - Average stem diameter and number of stems
Height of crown clearance	Height in metres between the ground and underside of canopy
Height of first major branch and direction of growth	Height from ground level to base of first major branch and the approximate direction of growth
Observations as to health or condition	Soil/s - if observed an observed dimension
Age Class	Age Class definition: Y = less than one third natural life span M = between one third and two thirds natural life span O = greater than two thirds life span completed U = uncertain
Category grading and estimated remaining contribution (yrs)	Summary of BS 5837:2012 categorization: 1. Trees unsuitable for retention: U = those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 20 years 2. Trees to be considered for retention: A1, 2 or 3 = trees of high quality (substantial contribution >40 yrs) B1, 2 or 3 = trees of moderate quality (significant contribution >20 yrs) C1, 2 or 3 = trees of low quality (but adequate, ie >10 yrs or young trees - until new planting can be established) Useful estimated remaining contribution of the tree or tree group
Condition	Brief description including physiological and structural defects
Tree Works	Works required to be undertaken to the trees to facilitate the construction of remedial or other measures during the tenure
Root Protection Radius	Radius of minimum root protection area in metres calculated from section 4.6 and Annex D
Root Protection Area	Total area of minimum root protection area encompassed from root protection radius

Figure 3 Example of a protective barrier including above-ground stabilizing systems



Reproduced from BS 5837:2012 Trees in relation to design, demolition and construction - Recommendations



Key:	
	Existing site features
	Proposed extension
	Trees retained
	Trees removed
	2.0m high barrier as detail in Fig 3
	Area of ground protection
	Root Protection Area (RPA)

CLIENT:	
Mr & Mrs Yates	
PROJECT:	
Woodhewers 19 Murdoch Road, Wokingham	
TITLE:	
Arboricultural Plan	
DRAWING NUMBER:	
8141/01	
STATUS:	
For Information	
DATE:	May 2013
SCALE:	1:200 @ A1
DRAWN BY:	ML
CHECKED BY:	JTK
Do not scale from this drawing: All dimensions to be checked on site	
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IAN KEEN LIMITED Consultants for Trees, Landscapes and Nature Conservation Redlands Farm, Redlands Lane, Ewelshot, Farnham, Surrey GU10 5AS Telephone: 01252 850096 Facsimile: 01252 851702 Email: mail@iankeens.co.uk	

- Note:
- The original of this drawing was produced in colour - a monochrome copy should not be relied upon.
 - Tree survey based on RGL Surveys Ltd drawing number RGL-13-1698-01.
 - Proposed extension based on Nichols Brown Webber Architects and Landscape Planners project/drawing number 659 P9.
 - Only details of those trees proximate to the proposed extension are shown. The other information relates to a condition survey of trees with the garden.