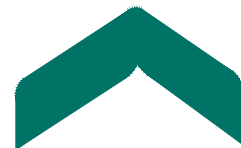


NORTH



0 5m 10m 25m 50m

NOTES

- The original of this drawing was produced in colour - a monochrome copy should not be relied upon.
- Scale for planning purposes only.
- All dimensions to be checked on site.
- The copyright of this document resides with Keen Consultants unless assigned in writing by the company.
- Details shown on this drawing are devised with reference to BS5837:2012: Trees in relation to design, demolition and construction - Recommendations.
- Check if Tree Preservation Order or Conservation Area protection applies to trees before undertaking tree works.
- Topographical survey based on mksurveys project number 22496.
- Site access based on Copper Baillie Limited drawing number CB_84_139_001.

KEY

- Existing site features
- Proposed access
- Trees retained
- Trees for removal
- 2.0m high barrier as detail in Figure 1

KEY TO TREE SCHEDULE

Column Heading	Explanation
Tree No.	Unique number corresponding with number on plan
Species	English names
Ht (m)	Height in metres
Branch Spread	Crown radius 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
Abbreviations as suffix to a dimension	Suffix 'e' denotes an estimated dimension
Age Class	Suffix 'av' denotes an average dimension
	Age Class definitions:
	Y = Young S = Semi-mature E = Early mature
	M = Mature O = Over mature
Category grading and Estimated remaining Contribution (yrs)	Summary of BS 5837: 2012 categorisation:
	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 10 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)
Estimated remaining contribution	Note: Useful estimated remaining contribution of the tree or tree group based on figures stated in BS5837:2012
Condition	Brief description including physiological and structural defects
Tree Works	Works required to be undertaken to the trees to facilitate the construction of remediate a defect encountered during the survey
Root Protection Radius	Radius of minimum root protection area in metres calculated from section 4.6 and Annex D of BS5837:2012
Root Protection Area	Total area of minimum root protection area extrapolated from root protection radius

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Client
TAYLOR WIMPEY

Project
LAND NORTH OF SETTER ROAD, PAGHAM

Title
TREE PROTECTION PLAN

Date
NOV 2020

Scale
1:500@A1

Drawn by
ML

Checked by
JTK

Drawing Number

9260-KC-AR-YTREE-TPP01Rev0

SURVEY OF TREES ON LAND NORTH OF SETFER ROAD, PAGHAM, WEST SUSSEX

Tree No.	Species	Ht (m)	Branch Spread (m)				Single Stem	stem diameters (cm)										More than 5 stems	Height of crown clearance (m)	Height of first major branch (m) and direction (compass point)	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		Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	Mean dia	No. stems													
															2-5 stems												
1	Group of field maple	9av					15av								0	-	S	C2	>10	Small trees growing alongside Setton Road.		1.80	10				
2	Mixed broadleaf hedgerow	4av					10av								0	-	E	B2	>20	Established maintained hedgerow. Species include field maple and hawthorn. Hedgerow punctuated by occasional small standard trees to 10m in height. Those species include sycamore and ash.		1.20	5				
3	Group of predominately field maple	7av					20av								0	-	E	B2	>20	Established roadside vegetation. Other occasional species include hazel and dogwood.		2.40	18				
4	Group of sycamore	10av					15av								0	-	S	C2	>10	Group of established self-set specimens growing at corner of site.		1.80	10				
5	Goat willow	11	5	7	5	3		23	31	37	35			2	2E	E	C1	>10	Large example of species. Poor fork formation just above ground level that is highly susceptible to failure. Coppicing would promote regeneration		7.67	185					
70	Pair of sycamore	13av					35av							2	2N	E	C2	>10	Pair of established sycamores growing in corner of site. Both are densely smothered in ivy preventing thorough inspection and accurate measurement.		4.20	55					
71	English oak	10	5	3	3	3	25e							2	2N	S	C1	>10	Small misshapen tree growing alongside road. Lower stems densely smothered in ivy preventing thorough inspection and accurate measurement.		3.00	28					
72	Sycamore	11	4	3	4	4	25e							3	3S	S	C1	>10	Small tree growing alongside road. Main stem densely smothered in ivy.		3.00	28					
73	Holm oak	10	3	1	2	4	25e							3	3S	S	C1	>10	Misshapen form due to competition with other trees. Some harsh pruning has been undertaken to remove lower branches.	Remove.	3.00	28					
74	English oak	11	7	4	3	3	20e	25e						2	2N	S	C1	>10	Misshapen form due to competition with other trees. Some harsh pruning has been undertaken to remove lower branches.	Remove.	3.84	46					
75	Sycamore	10	3	3	4	5	30e							2	2N	S	C1	>10	Small tree smothered in ivy.	Remove.	3.60	41					
76	Sycamore	10	5	4	4	3	25e							2	2S	S	C1	>10	Small tree smothered in ivy.	Remove.	3.00	28					
77	Sycamore	10	5	3	3	1	20e							2	2N	S	C1	>10	Small tree smothered in ivy.	Remove.	2.40	18					
78	Sycamore	11	5	2	4	3	25e							2	2N	S	C1	>10	Small tree smothered in ivy.	Remove.	3.00	28					
79	Sycamore	11	6	3	5	7	35e							2	1.2NE	S	C1	>10	Small tree smothered in ivy.	Remove.	4.20	55					
80	Mixed broadleaf hedgerow	3av					10av							0	-	E	C2	>10	Sparse hedgerow contains primarily hazel with occasional hawthorn.	Remove.	1.20	5					
81	Turkey oak	12av					35av							3	3N	S	B2	>20	Established trees growing to south of Setter Road.		4.20	55					

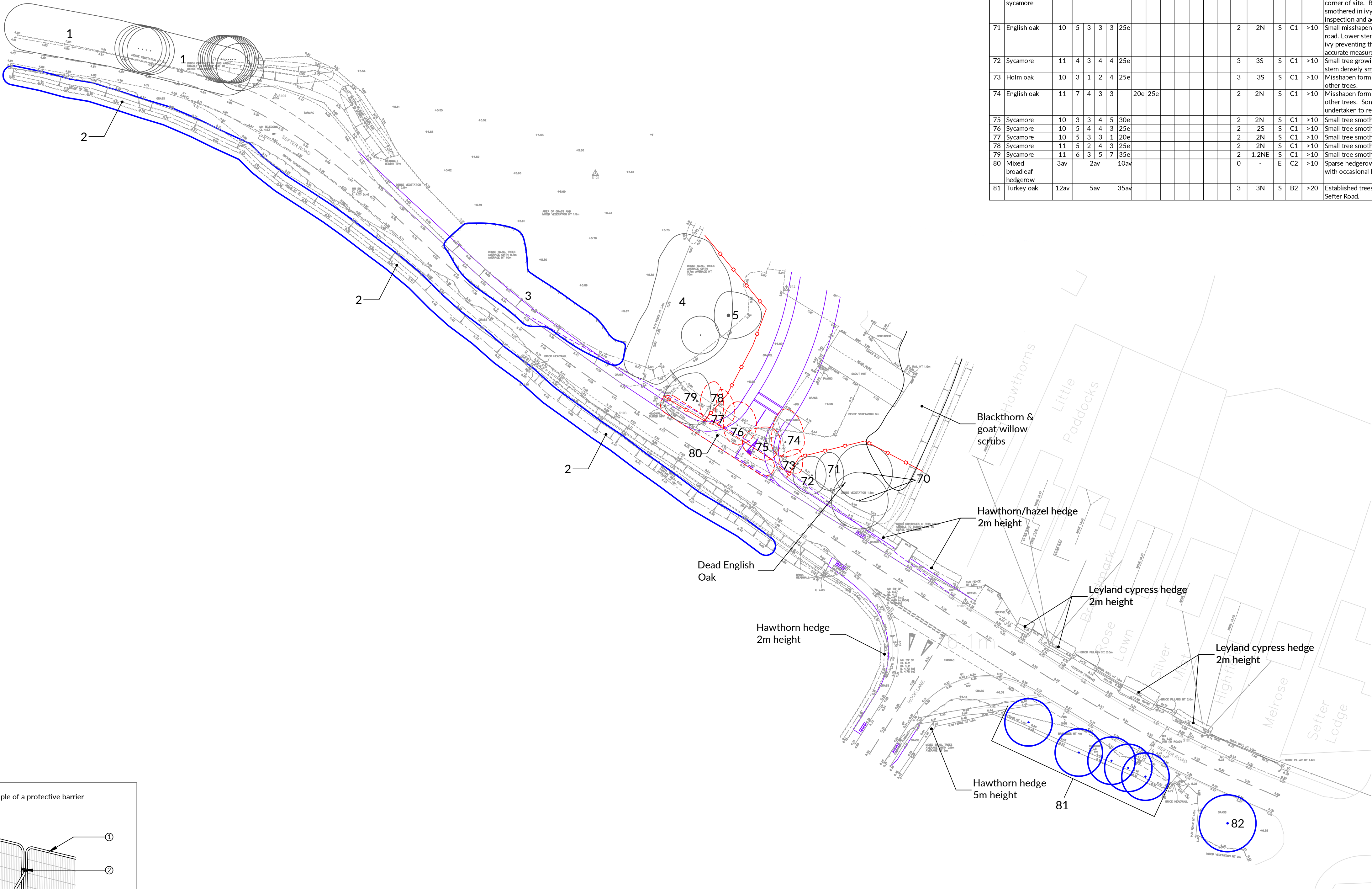
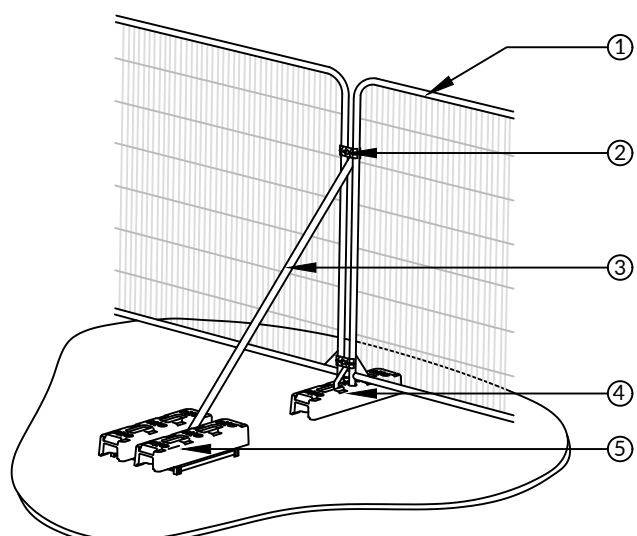


Figure 1: Example of a protective barrier



- Steel mesh panel
- Connectors fitted to secure panels
- Diagonal strut
- Block feet to avoid driven scaffold poles
- Block tray weighted with blocks