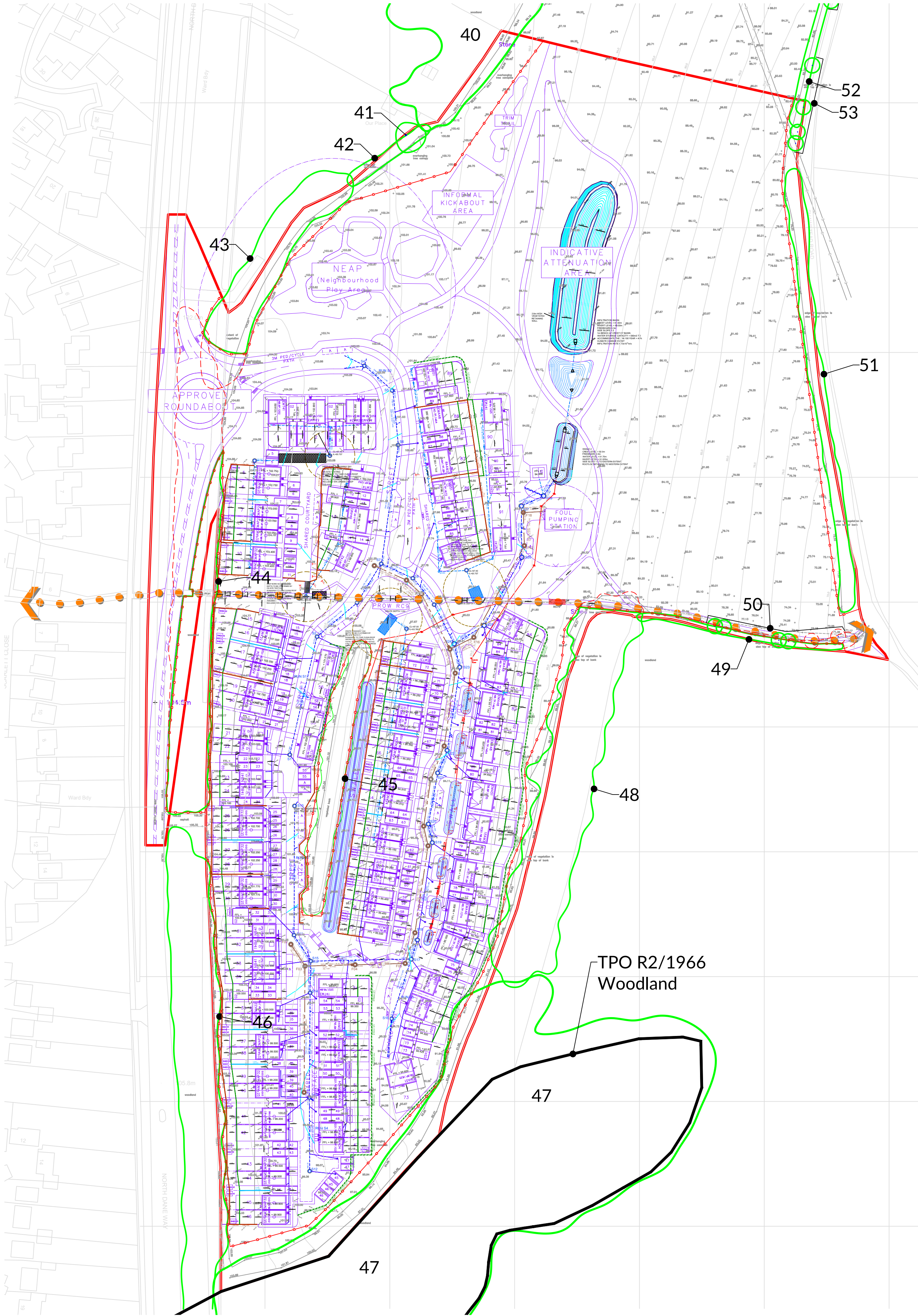
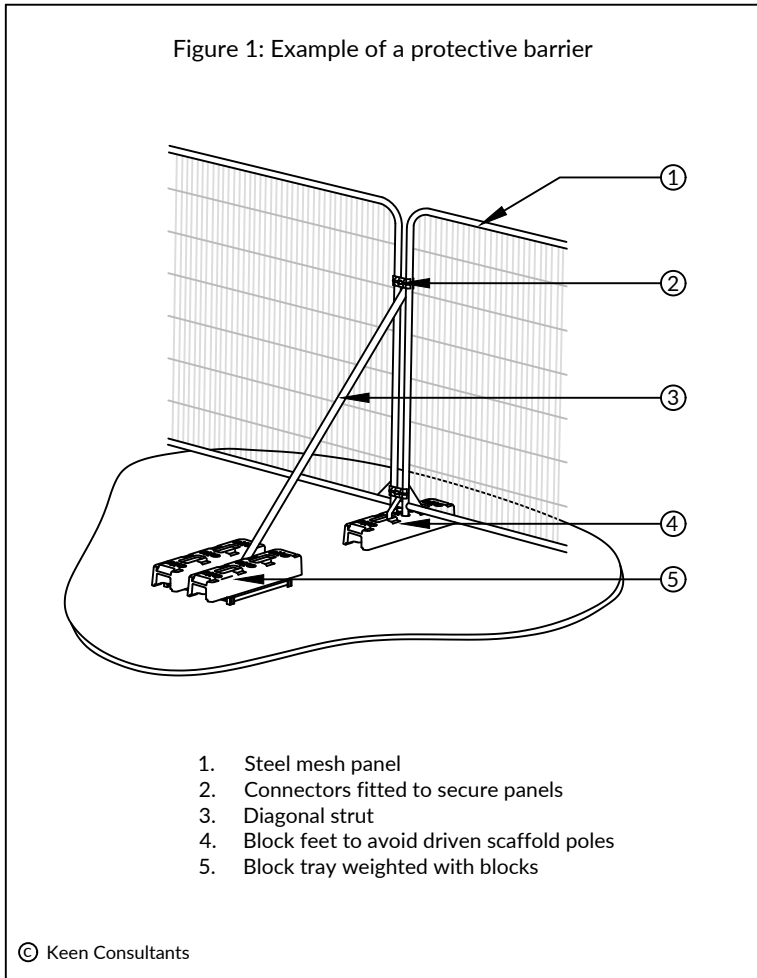


Trees at East Hill, Chatham																						
Tree No.	Species	Ht (m)	Branch Spread (m)				Stem diameters (cm)							Height of crown clearance (m)	Height of first branch (m) and direction (compass point)	Age class	Category grading	Estimated remaining contribution (yrs)	Condition Physiological / Structural	Tree Works to BS 3998	Root protection radius (m)	Root protection area sqm
			N	E	S	W	Single Stem	2-5 stems				More than 5 stems										
								Stem 1	Stem 2	Stem 3	Stem 4		Stem 5									
40	Mixed broadleaf woodland	<16			<8		<55													6.60	137	
41	English oak	15	5	8	7	4	70e							3	3E	E B1	>20	Established tree growing at or just beyond boundary. Covered in climbing plants so unable to inspect.		8.40	222	
42	Mixed broadleaf hedge	4av			2av		10av							0	-	E B2	>20	Established and maintained strip of hedgerow on boundary. Species include hawthorn, blackthorn and field maple.		1.20	5	
43	Row of mixed broadleaves	15av			8av		65av							2	2E	E B2	>20	Established row of trees along boundary. Mixture of sycamore, ash, English oak, hornbeam and beech. Lower hedgerow of field maple, hawthorn and blackthorn.	Remove section as shown.	7.80	191	
44	Row of mixed broadleaves	7av			3av		15av							0	-	S B2	>20	Established belt of vegetation between field and North Dane Way. Mixed species including sycamore, ash, field maple, white bean, English oak and cherry. Understorey of blackthorn, dogwood and hawthorn. Ash showing signs of Ash Dieback.	Remove section as shown. Crown lift to 4m above proposed garden of retained section.	1.80	10	
45	Mixed broadleaf hedgerow	9av			4av		20av							0	-	E C2	>10	Appears to be remanence of former hedgerow. Species include white beam, field maple, hawthorn and blackthorn.		2.40	18	
46	Mixed broadleaf tree belt	11av			5av		20av							0	-	S B2	>20	Established belt of vegetation between field and North Dane Way. Mixed species including sycamore, ash, field maple, white bean, English oak and cherry. Understorey of blackthorn, dogwood and hawthorn. Ash showing signs of Ash Dieback.	Crown lift to 4m above proposed garden.	2.40	18	
47	Mixed broadleaf woodland	<17			<8		<65							0	-	M A1&3	>40	Established block of woodland at edge of field. Upper canopy consists of primarily of ash with some sycamore, Norway maple, hornbeam and English oak. Understorey of primarily hawthorn, hazel and blackthorn. Ash showing signs of advance Ash Dieback.		7.80	191	
48	Mixed broadleaf tree belt	15av			7av		45av							0	-	E B2	>20	Established but sparse belt of trees along edge of field. Species include sycamore, hornbeam, Norway maple and ash. Sparse understorey of hawthorn, hazel and blackthorn. Sycamore and ash showing signs of decline.	Remove section as shown.	5.40	92	
49	Mixed broadleaf hedgerow	1.8av			1av		10av							0	-	E B2	>20	Established and well maintained hedgerow between fields. Mixed species including hawthorn, blackthorn and viburnum.		1.20	5	
50	Group of field maple	7av			3av		25av							2	2NE	E B2	>20	Larger components of hedgerow.	Remove section as shown.	3.00	28	
51	Mixed broadleaf hedgerow	6av			2av		15av							0	-	E B2	>20	Established hedgerow alongside Shaw Stead Road. Predominantly blackthorn with some hawthorn and field maple.		1.80	10	
52	Mixed broadleaf hedgerow	1.5av			1av		10av							0	-	E B2	>20	Established and well maintained hedgerow along Shaw Stead Road. Mixed species including hawthorn, blackthorn, hazel, field maple and dogwood.		1.20	5	
53	Group of field maple	6av			3av		20av							0	-	E B2	>20	Larger components of hedgerow.		2.40	18	

Column Heading	Explanation
TPO No	If applicable and where known
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 Suffix 'av' denotes an average dimension
Age Class	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) Note: Useful estimated remaining contribution of the tree or tree group based on figures stated in BS5837:2012 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



NORTH

010m25m50m100m

NOTES

1. This tree survey information has been prepared for planning purposes only. Additional detail will be needed for foundation design.

2. The original of this drawing was produced in colour - a monochrome copy should not be relied upon.

3. Scale for planning purposes only.

4. All dimensions to be checked on site.

5. The copyright of this document resides with Keen Consultants unless assigned in writing by the company.

6. Details shown on this drawing are devised with reference to BS5837:2012: Trees in relation to design, demolition and construction Recommendations.

7. Check if Tree Preservation Order or Conservation Area protection applies to trees before undertaking tree works.

8. Priority Habitat Inventory - Deciduous Woodland (England) based on information from MAGIC website.

9. Topographical survey based on ANSUrveys Limited.

10. Where trees were not identified on the topographical survey they have been plotted by eye.

11. Proposed Site Layout based on PEGASUS GROUP drawing P22-0701_DE_04_H_01 Site Layout.

12. Surface Water and Foul Drainage Layout based on Bellamy Wallace Partnership drawing number K2275-CIV-0101to0104 Rev P04.

13. Engineering Layout based on Bellamy Wallace Partnership drawing number K2275-CIV-0201to0204 Rev P03.

KEY

Existing site features

Proposed layout

Proposed drainage

Proposed levels

Trees retained
(Green-coloured line indicates extent of canopy)

Trees for removal
(Red-coloured dash line indicates extent of canopy)

2.0m high barrier as detail in Figure 1

Tree Preservation Order (TPO) woodland

A Client name updated 24.01.23

0 Preliminary issue 19.01.23

Rev	Description	Date
1	Client name updated	24.01.23
0	Preliminary issue	19.01.23

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Client

F D ATTWOOD & PARTNERS
TAYLOR WIMPEY

Project

EAST HILL,
CHATHAM

Title

TREE PROTECTION PLAN

Date

JAN 2023

Scale

1:1000@A1

Drawn by

THL

Checked by

JTK

Drawing Number

2021-KC-XX-YTREE-TPP01RevA