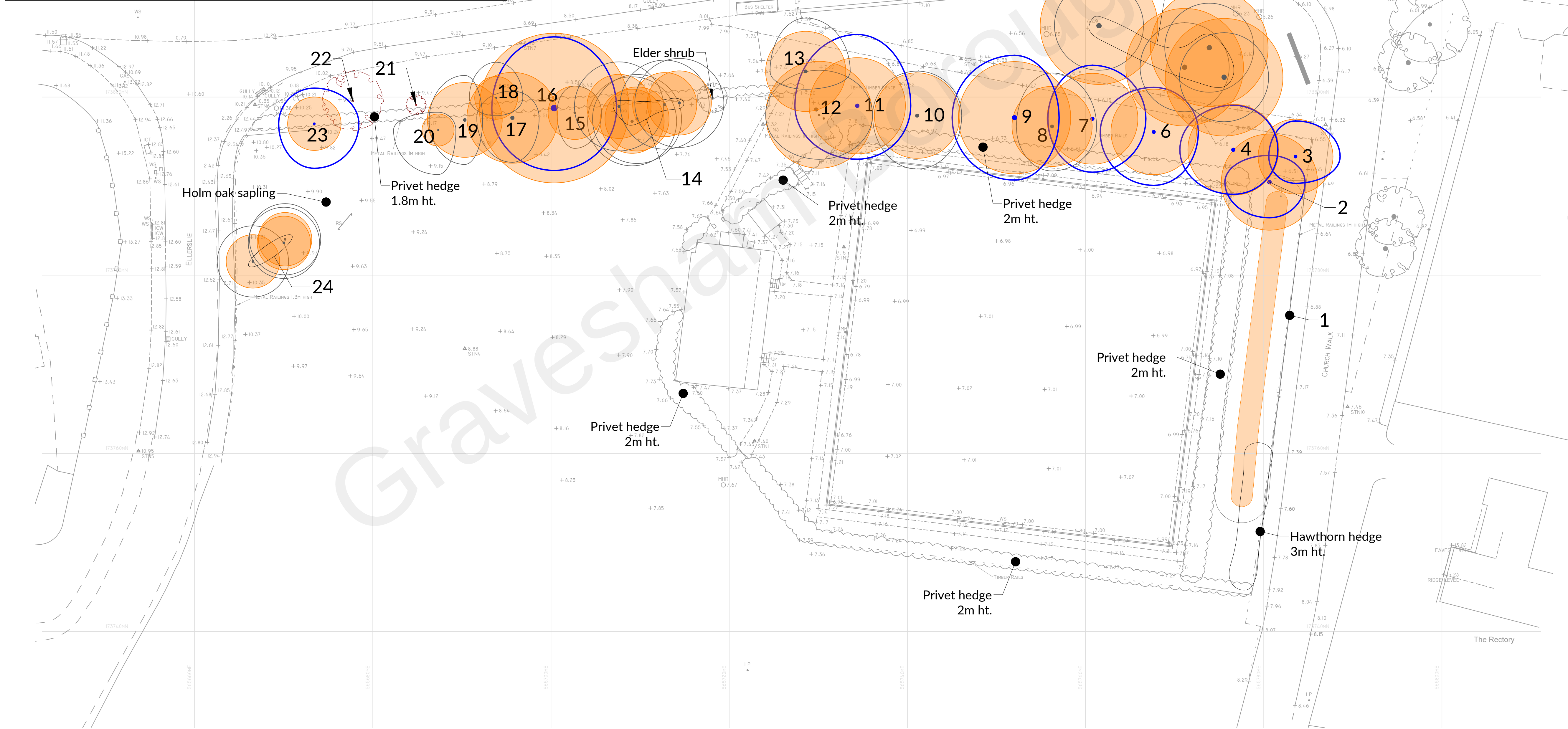


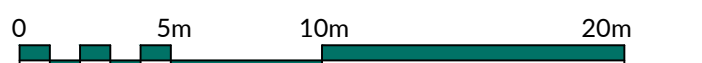
Trees at RFC Bowls Club, Church Walk, Gravesend, Kent DA12 2QU																							
Tree No.	Species	Ht (m)	Branch Spread (m)				Stem diameters (cm)							Height of crown clearance (m)	Height of main branch (compass point)	Age grading	Estimated remaining contribution (yrs)	Condition Physiological / Structural	Preliminary management recommendations	Root protection radius (m)	Root protection area sq.m		
			N	E	S	W	Single Stem	2-5 stems				More than 5 stems											
								Stem 1	Stem 2	Stem 3	Stem 4		Stem 5									Mean dia	
1	Group of ash	8av				Sav									0	-	S	C2	>10	Group of ash along boundary of road. All showing signs of Ash Dieback. Includes occasional hawthorn and hazel.		1.20	5
2	Field maple	14	3	4	4	5	45e								1.5	1.5W	S	B2	>20	Combines with other trees on broad verge to form tree belt. Main stem smothered in ivy. Lower stem beginning to absorb rainfall.		5.40	92
3	Lime	14	4	5	3	3	34								4	2N	S	B2	>20	Forms part of a row of trees growing in broad verge to north of site.		4.08	52
4	Lime	15	5	5	5	6	42								2	4W	S	B2	>20	Forms part of a row of trees growing in broad verge to north of site.		5.04	80
5	Group of crack willow	10av				Sav		55av							2	2SW	E	C2	>10	Collection of trees in verge between footpath and road. All of have recently been pollard.		6.60	137
6	Lime	15	5	5	6	6	41								2	2S	S	B2	>20	Forms part of a row of trees growing in broad verge to north of site.		4.92	76
7	Cherry	14	6	6	6	5	43								2	2S	S	B2	>20	Forms part of a row of trees growing in broad verge to north of site.		5.16	84
8	Lime	16	6	5	5	4	37								2	2S	S	C2	>10	Contributes to row of trees within verge but genetically predisposed to form tight unions. Those unions are liable to failure as the tree matures. Unsuitable to long term retention.		4.44	62
9	Cherry	15	7	5	7	7	53								2	2E	S	B2	>20	Contributes to row of trees with in verge alongside site. Some decay associated with past branch loss.		6.36	127
10	Lime	14	5	5	6	5	39								2	2S	S	C2	>10	Contributes to row of trees within verge but genetically predisposed to form tight unions. Those unions are liable to failure as the tree matures. Unsuitable to long term retention. Small broken branch in lower crown.		4.68	69
11	Lime	16	8	6	6	7	46								2	2NE	S	B2	>20	Broader spreading from than other trees within the tree belt.		5.52	96
12	Sycamore	15	5	6	5	6		30e 30e 25e							2	2S	S	C2	>10	Triple-stemmed tree from common root stock. All stems partially smothered in ivy. Compromising development of adjoining line.		5.91	110
13	Cherry	8	6	5	2	4	38								2	2N	S	C1	>10	Broad-spreading tree. Lacking vitality. Unsuitable to long term retention.		4.56	65
14	Group of cherry	10av				Sav		30av							2	2N	S	C2	>10	Group of closely spaced trees growing at edge of site. All stems covered in ivy. Development compromised by adjoining cherry.		3.60	41
15	Sycamore	12	3	3	4	2	26								2	2S	S	C1	>10	Triple-stemmed tree from ground level. All stems covered in ivy. Development compromised by adjoining larger tree.		3.12	31
16	Cherry	13	8	7	7	7	70e								2	2W	E	B2	>20	Larger example of species. Broad spreading form. Main stem covered in ivy. Evidence of bacterial canker infection as is typical of this species.		8.40	222
17	Cherry	12	3	3	5	4		25e 25e 25e							2	2S	S	C1	>10	Triple-stemmed from ground level. All stems covered in ivy. Development compromised by adjoining trees.		5.20	85
18	Lime	13	4	3	2	3	19								2	3S	S	C1	>10	Established tree growing in verge. Development compromised by adjoining trees.		2.28	16
19	Cherry	12	5	2	5	4	35								3	3NW	S	C2	>10	Small tree growing at edge of site. Main stem covered in ivy.		4.20	55
20	Cherry	11	2	2	5	5	15e								2	2S	S	C1	>10	Small tree growing at edge of site. Main stem covered in ivy.		1.80	10
21	Cherry														U	<10				Dead	Remove		
22	Cherry														U	<10				Dead	Remove		
23	Lime	9	4	5	5	4	26								2	2S	S	B1	>20	Reasonably well formed tree growing in verge close to junction of Ellerslie.		3.12	31
24	Group of silver birch	13av				4av		25av							2	2S	S	C2	>10	Group of birch stems growing at western edge of site.		3.00	28



McCarthy Stone

Life, well lived

NORTH



NOTES

- This drawing has been prepared solely for the purpose of seeking planning approval. It should not be used for any other purpose.
- 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 Prosoplans Limited drawing number PP/4081/Gravesend/F1.
- Where trees were not identified on the topographical survey they have been plotted by eye.

KEY

- Trees to be considered for retention: (Coloured line indicates extent of canopy)
 - Tree Category A 1.2 or 3 - Trees of high quality
 - Tree Category B 1.2 or 3 - Trees of moderate quality
 - Tree Category C 1.2 or 3 - Trees of low quality
- Trees unsuitable for retention: (Coloured line indicates extent of canopy)
 - Tree Category U - Trees that cannot realistically be retained due to their condition
- Protection Areas:
 - Root Protection Area (RPA) (where RPAs overlap the shading will appear darker)
- Tree/Hedge numbering:
 - 9 - Tree number
 - refer to schedule for information

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) 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
Preliminary management recommendations	Describes current arboricultural requirement for the tree in its current context
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

0	Preliminary issue	14.03.22
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Rev	Description	Date
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Client
McCarthy Stone

Project
GRAVESEND RFC BOWLS CLUB, GRAVESEND

Title
TREE CONSTRAINTS PLAN

Date	Scale
MARCH 2022	1:250@A1
Drawn by	Checked by
ML	JTK
Drawing Number	

1856-KC-XX-YTREE-TCP01Rev0