Schedule of trees at Charwood House, Southwater Horsham

TPO 0894	TPO 1425	Tree No.	Species	Ht (m)	Branch Spread (m) N	E	S	W	Stem diameters (cm) Single Stem	2-5 stems Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	More than 5 stems Mean dia	No. stems	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 BS3998	Root protection radius (m)	Root protection area sq.m
		1	Group of hawthorn	3av		1av			5av								0	-	Y	C2	>10	Group of small trees at entrance to site.		0.60	1
		2	English oak	13	3	5	4	3	30e								2	2N	Y	C2	>10	One of a pair of small trees within hawthorn. Ivy smothered stem.		3.60	41
		3	English oak	9	5	4	2	2	20e								2	2E	Y	C2	>10	One of a pair of small trees within hawthorn. Ivy smothered stem.	Crown lift to 5m above existing access.	2.40	18
		4	Corsican pine	11	3	5	6	4	63								1.5	1.5S	Y	B2	>20	One of a pair of similar trees at entrance.	Crown lift to 5m above existing access.	7.56	180
		5	Corsican pine	13	5	5	3	5	45								2	2NE	Y	B2	>20	One of a pair of similar trees at entrance.	Crown lift to 3m above proposed path.	5.40	92
		6	Scots pine	11	5	5	4	3	28								1	2NE	Y	C1	>10	Small tree close to building.	Remove.	3.36	35
		7	Cherry	10	3	3	6	5							10	7	2	2S	Y	C1	>10	Small multi stemmed tree at corner of site.	Remove.	3.17	32
		8	Cherry	7	2	4	2	1							10	6	2	2S	Y	C1	>10	Small multi stemmed tree at corner of site.		2.94	27
		9	Cherry	11	6	5	4	6		19	24	22					2	2S	Y	C1	>10	Small multi stemmed tree at corner of site.		4.52	64
		10	English oak	5	3	2	2	2	23								1	1S	Y	C1	>10	Small tree adjoining car park.	Remove.	2.76	24
		11	Pair of mountain ash	4av		1.5av			12av								1	1N	Y	C2	>10	Pair of small trees at edge of group.		1.44	7
		12	Scots pine	9	3	2	2	3	24								1	1S	Y	C2	>10	Part of a group of trees on site frontage.		2.88	26
		13	Hornbeam	8	3	2	2	2	17								1.5	1.5W	Y	C2	>10	Part of a group of trees on site frontage.		2.04	13
		14	Scots pine	9	2	2	3	2	22								1.5	1.5S	Y	C2	>10	Part of a group of trees on site frontage.		2.64	22
		15	Hornbeam	9	3	3	3	2	18								1.5	1.5S	Y	C2	>10	Part of a group of trees on site frontage.		2.16	15
		16	Scots pine	8	3	2	2	2	15								1.5	1.5S	Y	C2	>10	Part of a group of trees on site frontage.		1.80	10
		17	Hornbeam	7	3	2	2	2	12								1.5	1.5N	Y	C2	>10	Part of a group of trees on site frontage.		1.44	7
		18	Group of whitebeam	5av		2av			12av								2	2N	Y	C2	>10	Part of a group of trees on site frontage.		1.44	7
		19	English oak	10	4	4	5	4	19								1.5	1.5S	Y	C1	>10	Small tree at edge of car park.	Remove.	2.28	16
A1		20	Row of mixed broadleaves	14av		7av			45av								0	-	S	B2	>20	Row of trees alongside service road. Species include English oak, ash and field maple. Understorey of hazel, field maple and goat willow.		5.40	92
		21	Field maple	10	6	6	6	6	31								2	2N	Y	C1	>10	Small tree adjoining gate way.	Remove.	3.72	43
		22	Group of mixed broadleaves	9av		4av			20av								0	-	Y	B2	>20	Small copse of trees beyond palisade fence. Mixed species including hazel, hawthorn, ash, goat willow. Ash showing signs of Ash Dieback.	Crown lift to 5m above parking bays.	2.40	18
		23	Goat willow	13	7	8	8	9		45e	45e	45e					2	2N	E	C2	>10	Larger component of offsite copse. Attaining proportions where it is liable to stem failure.	Crown lift to 5m above parking bays.	9.35	275
		24	Goat willow	11	6	5	4	5		36	21						2	2N	S	C1	>10	Small tree growing amidst dogwood.	Crown lift to 5m above parking bays.	5.00	79
		25	Goat willow	7	3	3	3	3							10	6	2	2N	Y	C1	>10	Small tree growing in adjoining property.		2.94	27
		26	Cherry	8	2	2	3	2	17								2	2S	Y	C1	>10	Small tree growing in shrub bed. Tight union between stems liable to failure in future years.	Remove.	2.04	13
		27	Hornbeam	6	2	3	3	4	16								1	2S	Y	C1	>10	Small tree growing close to boundary.	Remove.	1.92	12
		28	English oak	9	3	3	6	3	24								1.5	1.5E	Y	C1	>10	Small tree growing toward edge of site.	Crown lift to 5m above parking bays.	2.88	26
T3		29	English oak	16	7	7	8	5	74								2	2E	S	B2	>20	One of a pair of similar sized trees adjoining building. Has been crown reduced in the past.		8.88	248
T4		30	English oak	15	7	6	8	6	72								4	4W	S	B2	>20	One of a pair of similar sized trees adjoining building. Has been crown reduced in the past. Partial covering of ivy on lower stem.		8.64	235
		31	Cherry	10	2	3	2	2	12								2	2E	Y	C1	>10	Etiolated form and growing against building.		1.44	7
		32	Dogwood	10	2	2	4	3		10	11						0	-	Y	C1	>10	Etiolated form.		1.78	10
		33	Group of hornbeam	12av		5av			25av								0	-	Y	B2	>20	Group of trees to east of Wilberforce Way.		3.00	28
		34	Group of mixed broadleaves	12av		5av			25av								0	-	Y	B2	>20	Group of trees growing to east of Wilberforce Way. Mixed species include field maple, rowan, goat willow, English oak, purple hazel.		3.00	28
		35	Mixed tree belt	13av		6av			30av								0	-	Y	B2	>20	Group of trees to west of Wilberforce Way. Species include cherry, dogwood, field maple, hazel and Corsican pine.		3.60	41

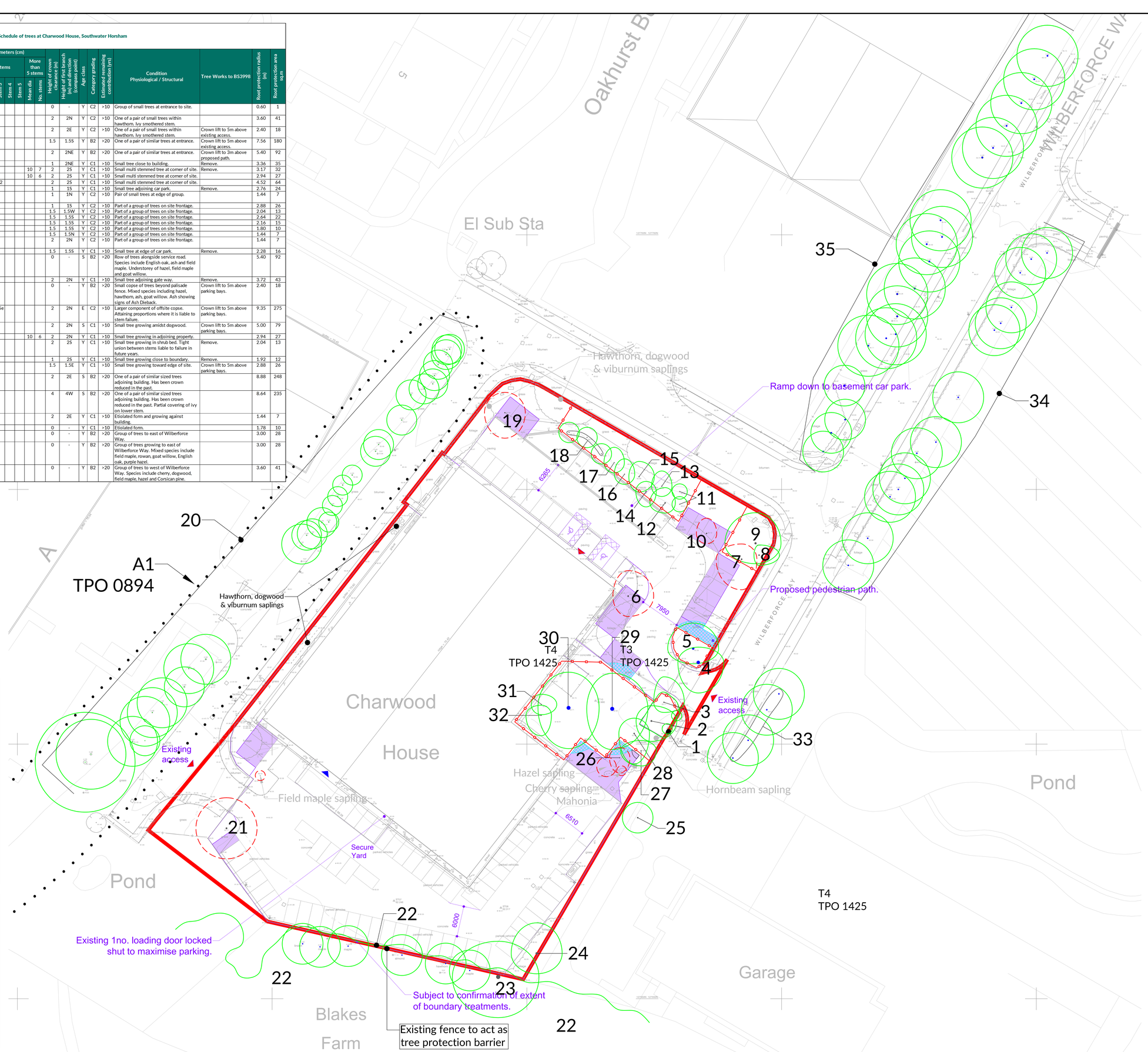
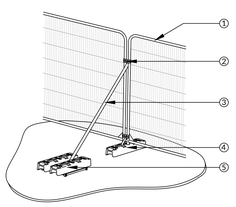


Figure 1: Example of a protective barrier



1. Steel mesh panel
2. Connectors fitted to secure panels
3. Diagonal strut (fitted to tree side of barriers)
4. Block feet to avoid driven scaffold poles
5. Block tray weighted with blocks

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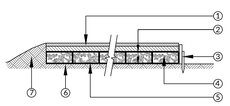
Figure 3: Typical detail of 'no-dig' surfacing



1. Surface material to engineer's specifications
2. Geotextile separation fabric as specified by engineers
3. Treated timber edging supported on timber posts or concrete gravel boards supported on concrete spur posts if required
4. 40/20mm clean angular stone
5. Cellular confinement system to engineer's specification and depth
6. Existing ground levels retained (no excavation)
7. Soil fillet can be used at edges

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NORTH

0 5m 10m 20m

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. Tree Preservation Order based on Horsham District Council Tree Preservation Order TPO1425 & TPO0894. Tree Preservation Order & Conservation Area information is overlaid to best fit. Original Tree Preservation Order documents should be referred to for accuracy.
8. Priority Habitat Inventory - Deciduous Woodland (England) based on information from MAGIC website.
9. Topographical survey based on Interlock Surveys Ref: 260401 Dated 06.05.2026.
10. Where trees were not identified on the topographical survey they have been plotted by eye (Aerial image was used to ascertain the location/extent of trees/groups).
11. Proposed layout based on HNW Architects Proposed Site Plan Option 3 drawing number 26010-HNW-ZZ-ZZ-DR-A-2103 Rev P05.

KEY

- Existing site features
- Proposed layout
- 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 (Temporary, for the duration of works)
- Minimum extent of no-dig construction. Actual deployment may be greater. As detail in Figure 3
- A1 — Tree Preservation Order (TPO) area
- T3 TPO 1425 — TPO number - refer to schedule for information

KEY TO TREE SCHEDULE

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	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 that 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 (yrs)	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 or 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

Rev	Description	Date
A	Tree retention removal updated	13.08.26
0	Preliminary issue	10.07.26

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Client
CHESS DYNAMICS LIMITED

Project
CHARWOOD HOUSE, HORSHAM

Title
TREE PROTECTION PLAN

Date	Scale
JULY 2026	1:250@A0
Drawn by	Checked by
ML	JTK

Drawing Number
2591-KC-XX-YTREE-TPP01RevA