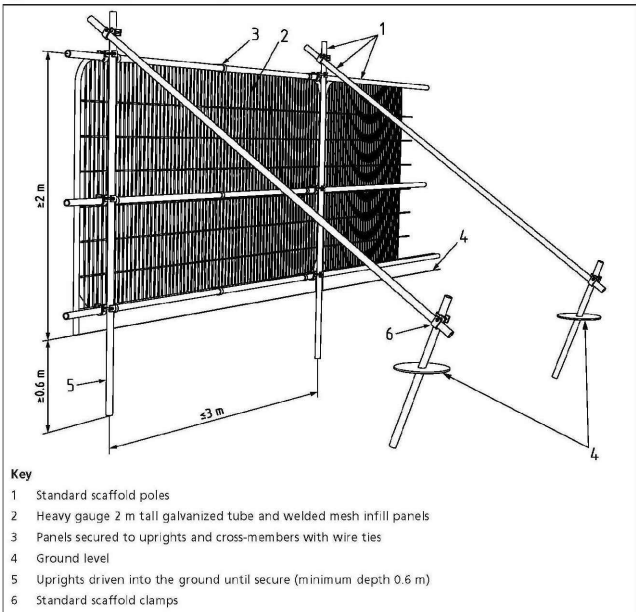
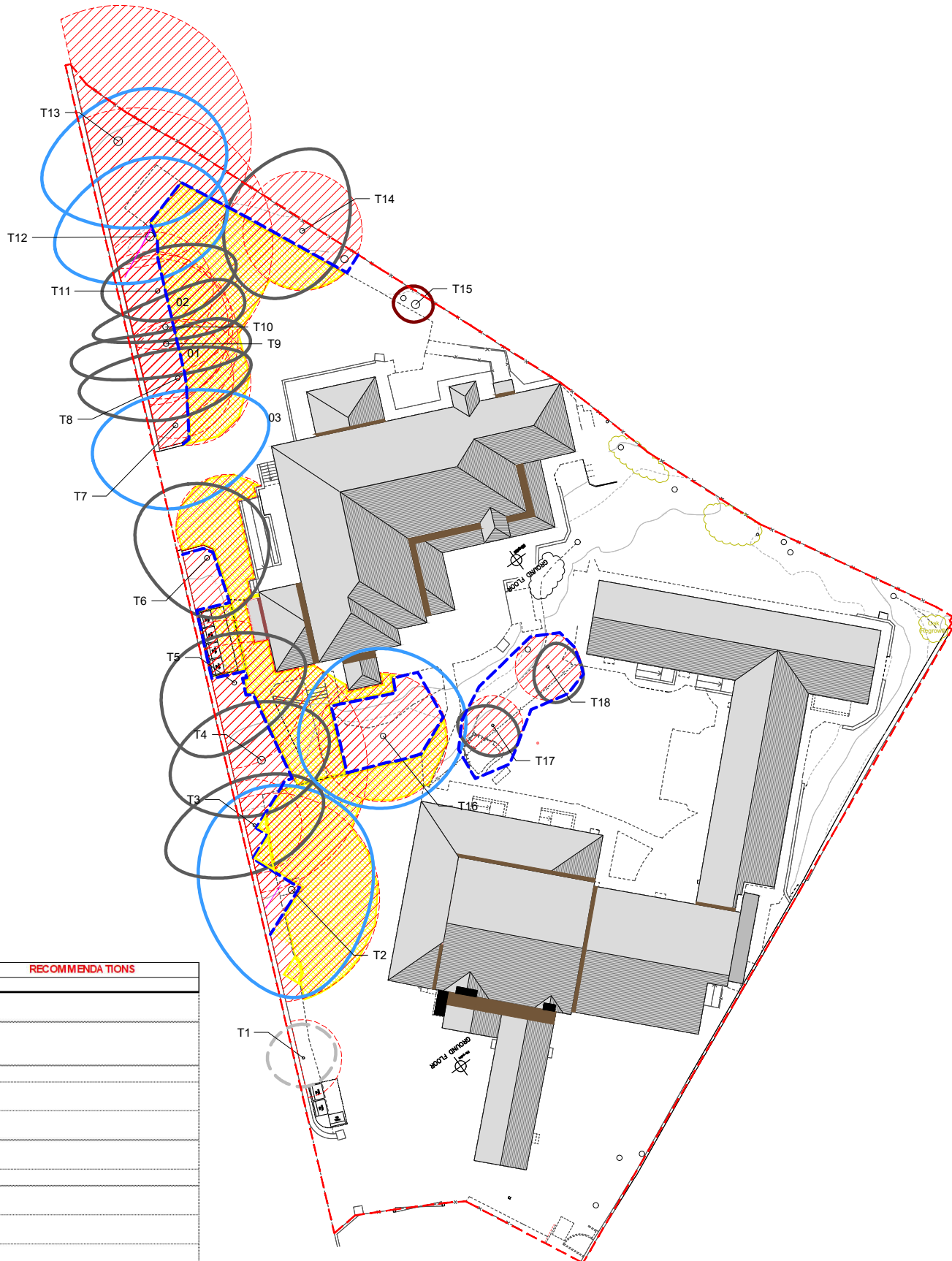


Figure 2 Default specification for protective barrier



BS5837:2012 Figure 2



NO	TREE SPECIES	TREE SPECIES	HEIGHT	SPREAD	DIA	N	CAT.	Life	Life	NOTES	RECOMMENDATIONS
	Common Name	Scientific Name	m	m	mm			Stage	exp yrs		
T1	Rowan	Sorbus aucuparia	6	6	220	N	C1	Semi-Mature	20-40	Small cavities, Some dead wood, Previous pruning work	FELL
T2	Ash	Fraxinus excelsior	12	20	600		B1	Mature	40+	Growth exceeding pit, Scaffolding surrounding, Some dead wood, Sign at 1.5m	
T3	Ash	Fraxinus excelsior	12	15	280		C1	Early-Mature	40+	Slightly suppressed, Slight lean	
T4	Sycamore	Acer pseudoplatanus	10	15	695	N	C1	Mature	40+	3 stems at ground level, Scaffold resting on trunk	
T5	Sycamore	Acer pseudoplatanus	9	14	420		C1	Early-Mature	40+	Security light at 4m, Dead ivy stems on trunk	
T6	Ash	Fraxinus excelsior	11	13	450		C1	Semi-Mature	40+	Ivy cut back from trunk, Some dead wood, Dieback in crown	
T7	Sycamore	Acer pseudoplatanus	10	16	450		B1	Early-Mature	40+	Some dead wood, Small cavities	
T8	Horse Chestnut	Aesculus hippocastanum	11	16	400		C1	Early-Mature	40+	Rope tied to trunk, Snapped branches, Previous pruning work	
T9	Horse Chestnut	Aesculus hippocastanum	12	16	500		C1	Early-Mature	40+	Strap from scaffolding at 2m	
T10	Horse Chestnut	Aesculus hippocastanum	12	15	470		C1	Early-Mature	40+	Burr at 1.5m, Scaffolding resting on stem split	
T11	Horse Chestnut	Aesculus hippocastanum	11	12	400		C1	Semi-Mature	40+	Light at 3m on trunk, Cable attachments, Previous pruning work	
T12	Horse Chestnut	Aesculus hippocastanum	12	16	800		B1	Mature	40+	Previous pruning work, Rooting at paving edge	
T13	Horse Chestnut	Aesculus hippocastanum	12	16	800		B1	Mature	40+	Previous pruning work, Rooting in soil, Multistemmed at 2m	
T14	Sycamore	Acer pseudoplatanus	12	14	450		C1	Early-Mature	40+	Ivy cleared from stem, Previous pruning work	
T15	-		4	3	585	N	U	Mature	0	Ivy covered stem, Topped at 3.5m	
T16	Sycamore	Acer pseudoplatanus	10	14	480		B1	Early-Mature	40+	Previous pruning work - branch at 1.7m, Some dead wood	
T17	Wild Cherry	Prunus avium	7	6	225	N	C1	Semi-Mature	20-40		
T18	Wild Cherry	Prunus avium	7	5	245	N	C1	Semi-Mature	20-40	Previous pruning work.	

TREE SURVEY TO BS5837:2012

KEY	COLOUR	QUALITY	DESCRIPTION
GREEN	GREEN	A: HIGH	Vigorous healthy good form, retention most desirable
BLUE	BLUE	B: MODERATE	Slightly impaired condition, numerous immature, 'A' potential
GREY	GREY	C: LOW	Adequate condition requiring minimal surgery
RED	RED	U: FELL	Dead dying, dangerous insecure rooting, significant fungal disease
GREEN	GREEN	SHRUBS	

SUB-CATEGORY:

- 1 ARBORICULTURAL
- 2 LANDSCAPE
- 3 CULTURAL/CONSERVATION

Site Boundary

In accordance with BS5837:2012 'Trees in relation to design, demolition and construction', offsite trees within a distance equal to 12x stem diameter from boundary should be surveyed. In accordance with good working practice, all trees within 12m of the site boundary have been surveyed.

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

LIMITATION OF THIS SURVEY

This survey records amenity quality and desirability of tree retention in relation to proposed construction by visual inspection from ground level where accessible.

It does not constitute a Tree Inspection or detailed report on condition.

Tree heights and spread approximate. The diameter of single stem trees is taken at 1.5m above ground level. For the diameter of multistemmed trees, each multistem is measured at 1.5m above ground level and calculated to give a notional diameter as if all multistems were fused into one stem.

The branch spread is an accurate representation of the crown as clause 4.4.2.5 (e)

Tree inspections should take place annually in September/October when trees are in leaf.

Tree positions are based on topographic survey drawing number A24-17-002 produced by AD Ltd, dated June 2024.

TREE CONSTRAINTS

- ROOT PROTECTION AREA (RPA)  
Area equivalent to circle of radius 12 x stem diameter at 1.5m
- Root Protection Areas shaped due to obstruction to root spread e.g. retaining wall, water course.

TREE PROTECTION

- TREES TO BE REMOVED (with root protection area)
- Scaffold Protective Fence as BS5837:2012 Figure 2
- No Dig Construction of permanent hard Surfacing to arboriculturist's design in accordance with BS5837:2012 Section 7.4.2

Layout based on AD Ltd.'s Proposed Site Plan, Drawing No. A24-17-004, dated August 2024.

**WEDDLES**  
MAIL@WEDDLES.CO.UK  
WEDDLES.CO.UK  
0114 250 1181  
UNIT 4 WESTBROOK COURT  
SHEFFIELD, S11 8YZ

LANDSCAPE  
ARBORICULTURE  
GARDEN DESIGN  
ECOLOGY

Job

ROCKLEY DENE, WORSBOROUGH

Title

TREE PROTECTION PLAN

scale@A3  
1:500

drawn  
EH

date  
AUG 24

drawing number  
1793-003

revision  
-