



NO	TREE SPECIES	HEIGHT	SPREAD	DIA	dbh	CAT.	Life	NOTES
		m	m	m	gl or N		exp	
On-Site Trees								
T1	Acer pseudoplatanus	18	16	0.9		2B	40+	
T2	Ilex aquifolium	5	2.5	0.15		2C	40+	
T3	Ilex aquifolium	7	4	0.17		2C	40+	
T4	Ilex aquifolium	6	4	0.15		2C	40+	
T5	Ilex ovalifolium	7	4	0.2		2C	40+	Leaning
T6	Mespilus germanica	6	5	0.25		2C	40+	Severely leaning
T7	Tilia cordata	18	12	0.9		2B	40+	Evidence of past tree work
T8	Acer pseudoplatanus	18	11	0.75		2B	40+	
T9	Fraxinus excelsior	18	19	1		2B	40+	Heavy canopy
T10	Fraxinus excelsior	10	12	0.4		2C	40+	Severely leaning
T11	Fraxinus excelsior	9	9	0.35		2C	40+	Leaning
T12	Ilex aquifolium	9	7	0.3		2C	0-10	Growing out of wall
T13	Fraxinus excelsior	8	7	0.3		D	0-10	Fire damage from on w side
T14	Tilia cordata	12	8	0.7		2C	40+	Evidence of past tree work
T15	Platanus x hispanica	15	17	1.3		2C	40+	Evidence of past tree work, Dead wood in canopy
T16	Crataegus monogyna	8	6	0.4		2C	10-20	Leaning, Poor form
T17	Ilex ovalifolium	6	5	0.22		2C	40+	
T18	Ilex ovalifolium	6	3.5	0.18		2C	40+	
T19	Acer pseudoplatanus	16	8	0.7		2B	40+	
T20	Acer pseudoplatanus	16	9	0.45		2C	40+	
T21	Acer pseudoplatanus	18	15	0.7		2B	40+	
T22	Acer pseudoplatanus	12	8	0.4		2C	20-40	Severely suppressed
T23	Fagus sylvatica	9	8	0.2		2C	40+	
T24	Tilia cordata	14	13	0.6		2C	40+	
T25	Aesculus hippocastanum	9	11	0.5		2C	40+	Large cavity
T26	Fagus sylvatica	10	7	0.35		2C	40+	
T27	Acer pseudoplatanus	17	12	0.6		2C	40+	
T28	Fagus sylvatica	18	19	0.8		2C	40+	Severely leaning
T29	Acer pseudoplatanus	15	6	0.45		2C	40+	
T30	Acer pseudoplatanus	14	9	0.7		2C	40+	Evidence of past tree work
Off-Site Trees								
A	Platanus x hispanica	18	15	0.8		2B	40+	
B	Platanus x hispanica	18	17	0.8		2B	40+	
C	Platanus x hispanica	19	16	0.8		2B	40+	
D	Platanus x hispanica	18	14	0.8		2B	40+	
E	Platanus x hispanica	17	15	0.8		2B	40+	
F	Platanus x hispanica	17	14	1		2B	40+	
G	Platanus x hispanica	17	12	0.9		2B	40+	
H	Aesculus hippocastanum	15	11	0.8		2C	40+	
J	Fraxinus excelsior	18	17	0.8		2C	40+	
K	Fraxinus excelsior	17	14	0.45		2C	40+	

TREE SURVEY TO BS5837:2005

KEY	COLOUR	QUALITY	DESCRIPTION
GREEN	A: HIGH	retention most desirable	Vigorous healthy good form, visually important, historic or rare
BLUE	B: MODERATE	retention desirable	Slightly impaired condition, numerous immature, 'A' potential
ORANGE	C: LOW	could be retained	Adequate condition requiring minimal surgery
RED	D/R: FELL	trees for removal	Dead dying, dangerous insecure rooting, significant fungal disease
			Trees outside survey boundary
			Site Boundary

SUB-CATEGORY:

- 1 ARBORICULTURAL
- 2 LANDSCAPE
- 3 CULTURAL/CONSERVATION

In accordance with BS5837:2005 'Trees in relation to construction', offsite trees within a distance equal to 12X stem diameter from boundary should be surveyed. In accordance with good working practise, all trees within 12m of the site boundary have been surveyed.

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.

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

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

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

REVISIONS:

A: Reduced site boundary. NN May 07.

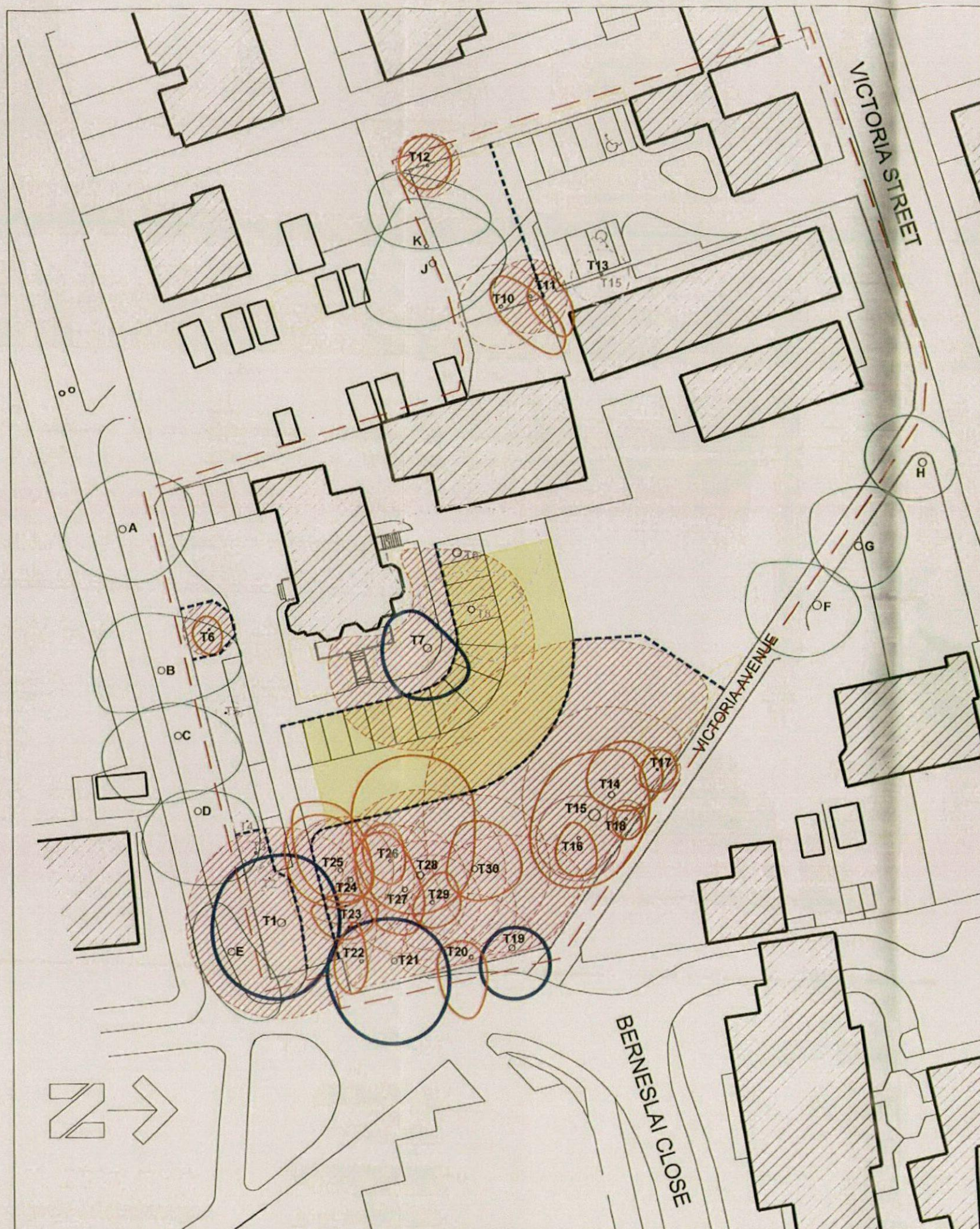
Based on architect's layout drawing no Survey-01 received on 25 April 07

Weddle Landscape Design
 LANDSCAPE ARCHITECTURE
 ENVIRONMENTAL PLANNING
 Mews Studio, Charmwood House,
 8 Kenwood Bank, Sheffield S7 1NU
 www.weddles.co.uk
 Tel (0114) 250 1181
 Fax (0114) 250 1188
 mail@weddles.co.uk

Job FAIRFIELD HOUSE, BARNESLEY

Title TREE SURVEY

scale	drawn	date	job number	number	revision
1:500	NN	APR 07	211	FHB 01	A



NO	TREE SPECIES	HEIGHT m	SPREAD m	DIA m	dbh gl or N	CAT.	Life exp	NOTES	RECOMMENDATIONS
On-Site Trees									
T1	Acer pseudoplatanus	18	16	0.9		2B	40+		
T2	Acer pseudoplatanus	6	5.5	0.55		2C	40+		Fell
T3	Acer pseudoplatanus	7	4	0.57		2C	40+		Fell
T4	Acer pseudoplatanus	6	4	0.55		2C	40+		Fell
T5	Acer pseudoplatanus	2	4	0.3		2C	40+	Leaning	Fell
T6	Mespilus germanica	6	5	0.25		2C	40+	Severely leaning	
T7	Tilia cordata	18	12	0.9		2B	40+	Evidence of past tree work	Reduce Crown 25%
T8	Acer pseudoplatanus	12	11	0.75		2B	40+		Fell
T9	Fraxinus excelsior	18	10	1		2B	40+	Heavy canopy	Fell
T10	Fraxinus excelsior	10	12	0.4		2C	40+	Severely leaning	
T11	Fraxinus excelsior	9	9	0.35		2C	40+	Leaning	
T12	Ilex aquifolium	9	7	0.3		2C	0-10	Growing out of wall	
T13	Fraxinus excelsior	8	7	0.3		D	0-10	Fire damage from bonfire	Fell
T14	Tilia cordata	12	8	0.7		2C	40+	Evidence of past tree work	
T15	Platanus x hispanica	15	17	1.3		2C	40+	Evidence of past tree work, Dead wood in canopy	
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TREE SURVEY TO BS5837:2005

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ORANGE	C: LOW	Adequate condition requiring minimal surgery	
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TREE CONSTRAINTS

- ROOT PROTECTION AREA (RPA)**
Root Protection Areas have been calculated on the following basis:
Single stems: Area equivalent to circle of radius 12 x stem diameter at 1.5m
(8 Notional)
- Root Protection Areas shaped due to obstruction to root spread e.g. retaining wall, water course.
- RPA of pollarded or topped trees has been reduced to an area appropriate to actual canopy spread.

TREES TO BE REMOVED

- Scaffold Protective Fence as BS5837:2005 Figure 2
- Permeable paving to BS2837:2005 Section 11.4 No dig construction, geoweb cellular confinement system filled with washed aggregate, surfaced with Ecoblock 80 grass paving system. See Drawing FHB 04 for Details.

REVISIONS:

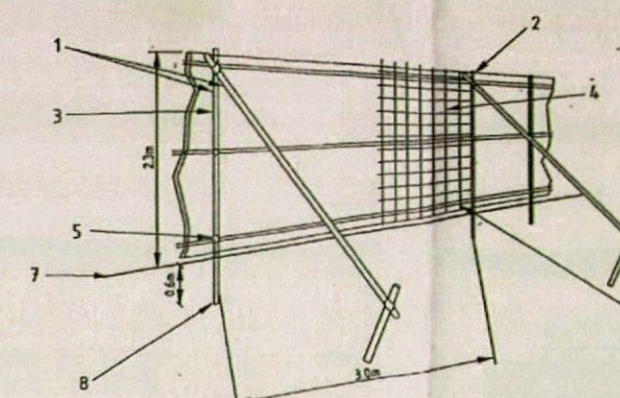
- A: Reduced site boundary, remove T2-T5. NN May 07.
- Based on architect's layout drawing no FF-01a received on 25 April 07

Weddle Landscape Design
LANDSCAPE ARCHITECTURE
ENVIRONMENTAL PLANNING
Mews Studio, Charnwood House,
8 Kenwood Bank, Sheffield S7 1NU
www.weddle.co.uk
Tel: (0114) 250 1181
Fax: (0114) 250 1188
mail@weddle.co.uk

Job: FAIRFIELD HOUSE, BARNSELEY

Title: TREE CONSTRAINTS PLAN
AND TREE PROTECTION PLAN

scale	drawn	date	job number	number	revision
1:500	NN	APR 07	211	FHB 02	A



- 1 Scaffold poles
- 2 Uprights, to be driven into ground
- 3 Panels, secured to uprights with wire ties and where necessary scaffold clamps
- 4 Weldmesh, wired to the uprights and horizontal
- 5 Clamp
- 6 Wire, twisted and secured
- 7 Ground level
- 8 Approx 0.6 m driven into the ground

BS5837:2005 Figure 2