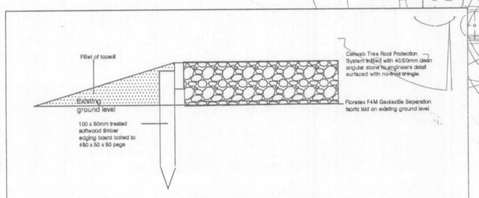
NOTES

1. All tree works are to be completed by approved contractor working to standards set out in BS 3998 before any other works take place on site.
2. After completion of the tree works and before any plant, equipment or materials enter the site the protective fencing as shown shall be erected. No activity, storage of materials, liquids of any sort or source are permitted within the protective fencing at any time.
3. The site agent is to inspect the protective fencing daily and make good any defects immediately on discovery.
4. Car parking and or paving within the protective fencing shall be of a 'no dig' installation and be installed after the main construction programme is completed. To install the hard surfaces the protective fence can be taken down by hand and moved off site. The installation can then proceed using only mini excavators of 2 tonne maximum capacity operating from outside the former protected area or from the newly laid sub base.
5. Edgings to hard surfaces within the former protected areas of the trees are to be supported by driven pegs only. Continuous trenched haunching is prohibited.
6. Ground level changes are only to be made outside the protective fencing and may require a retaining wall structure if conventional banking cannot fit.
7. The protective fencing may only be removed after the main construction works are complete. The fencing is to be taken down by hand equipment only and taken off site.
8. Soft landscaping within the former protected areas is to be completed by hand or with hand operated equipment only. Cultivation of soils is to be kept within the top 100mm of the existing soil profile within former protected areas except for the planting of larger plants and trees.



CONSTRUCTION DETAIL - Not to scale
Typical cross section of 'no-dig' construction of porous surface in accordance with Arboricultural Practice Note 1

PARK VIEW, 4 LEGGATTS PARK, POTTERS BAR, EN6 1NZ

Tree No	Species	Ht (m)	Branch Spread (m) N	E	S	W	Stem Dia (cm)	Height of crown clearance (m)	Age class	Category grading	Estimated remaining contribution (yrs)	Condition Physiological / Structural	Preliminary management recommendations
1	Oak	13	3	5	8	8	63	0	MI	A2	>40	Good tree with much potential and providing effective screen between properties.	
2	Oak	13	3	4	9	10	89m	0	MI	A2	>40	Prominent tree on woodland edge consisting of three main stems from ground level two of which have co-joined. There is some large deadwood within the crown that need not be removed as it is set within the woodland and provides a valuable habitat for inve	
3	Oak	10	6	8	6	7	66	1.5	Y	A2	>40	Good tree on woodland edge that encompasses a small Cherry tree.	
4	Atlas Cedar	10	5	6	6	4	68m	1.5	Y	A1	>40	Twin stemmed from just above ground level there is a scattering of deadwood throughout the crown typical of the species.	
5	Beech	11	8	5	3	5	31	2	Y	A2	>40	Good young specimen with much potential growing as part of a linear strip of woodland at the boundary.	
6	Group of Oak	14av	6av				30av	0	Y	A2	>40	Group of trees being the most significant within this small woodland group and contributing towards the screening between adjoining properties.	
7	Oak	9	4	3	2	5	21	0	Y	A2	>40	Young tree with potential. Provides screening.	

Client: Tusk Development

Project: Park View, 4 Leggatts Park, Potters Bar, EN6 1NZ

Title: Tree Constraints & Protection Plan

Status: For Information

Scale: 1:200 @ A1 Date: Aug 2007

Drawn: MAD Survey:

Dwg No: 6640/02 Rev A

Redlands Farm Redlands Lane
Ewshot Farnham Surrey GU10 5AS
Telephone 01252 850096
Facsimile 01252 851760
EMAIL mail@iankeenltd.co.uk

IAN KEEN LIMITED

Rev A – 9th October 2007 – Perimeter of court reduced in size to give more clearance to trees.

Root Protection Area (RPA)

Key to Schedule of Trees

Tree No.	Unique number corresponding with number on plan
Species	English names
Ht	Height in metres
Branch Spread	Branch spread in metres taken at each of the cardinal points
Stem diam	Stem diameter in centimetres measured at 1.5m above ground level
m suffix	Multi stemmed trees measured at base of stem just above root flare
e suffix	Estimated where measurement unobtainable. All tree heights are estimated
Ht of crown	Height in metres between ground level and underside of canopy
Age Class	Y = less than one third natural life span spent MI = between one third and two thirds natural life span M = greater than two thirds life span completed OM = overmature V = veteran
Est contribution	Anticipated useful life remaining in years
Category	Summary of BS 5837: 2005 categorisation R = trees to be removed A 1,2 or 3 = trees of high quality and value B 1,2 or 3 = trees of moderate quality and value C 1,2 or 3 = trees of low quality and value
Fr	Fruit trees
s	shrubs or small trees below survey threshold

TREE CATEGORY

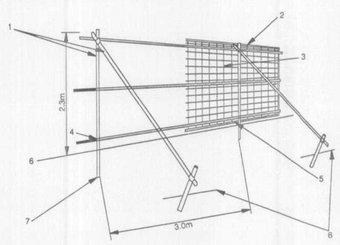
R

A

B

C

COLOUR VERSION ONLY



1. Standard scaffold poles
2. Uprights to be driven into the ground
3. Weldmesh wired to the uprights and horizontals
4. Standard clamps
5. Wire twisted and secured on inside face of fencing to avoid easy dismantling
6. Ground level
7. Approximately 0.6m driven into the ground

Figure 2 - Protective Barrier

Existing Track

Proposed route for temporary access avoiding root protection areas

Route for pathway to avoid need to prune tree 2 to obtain height clearance. Pathway to be of no-dig construction

North. (Indicative)

Existing site features

Proposed structures

Trees retained

Area of no-dig construction

2.4m high fencing as detail in Fig 2

Note to design team
Turn off layers IKLAYERR, IKLAYERC and IKTREEPROTC.Prepare design layout without invading remaining root protection areas or consult us before proceeding if invasion is unavoidable. Turn IKLAYERCand KROOTPROTC back on and retain any trees on that layer where their root protection area is located outside your proposals. Return final layout design to us for completion of tree protection drawing to meet your desired scheme.