Trees at 5 Oval Road, London, NW1 7EA

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 BS 3998	Root protection radius (m)	Root protection area sq.m
1	Horse chestnut	6	2	3	3	3	22								2	2S	S	C1	>10	Small street tree.		2.64	22
2	Evergreen magnolia	6	3	3	3	3	14								1.2	1.2N	Y	C1	>10	Small evergreen.		1.68	9
3	Lime	9	1	2	2	2	16								2	2.5N	Y	C1	>10	Small street tree.		1.92	12
4	Ash	9	4	2	5	3	27								3	3.5S	S	C1	>10	Growing in confined space between hard surfaces. Disturbing pavement in adjoining garden.		3.24	33
5	Pair of Cherries	6av	2av				10av								2	2S	Y	C2	>10	Small trees.	Remove.	1.20	5
6	Sycamore	14	4	5	6	7	65e								7	7E	E	B1	>20	Larger tree growing between properties. Has been crown reduced in the past.		7.80	191
7	Lime	16	7	7	4	6	47								2	3N	E	B2	>20	Misshapen but contributes to row along railway line boundary.		5.64	100
8	Lime	15	5	7	3	5	43								6	6N	E	B2	>20	Misshapen but contributes to row along railway line boundary.		5.16	84
9	Beech	14	0	5	6	5	37								2	2S	E	C2	>10	Misshapen but contributes to row along railway line boundary.		4.44	62

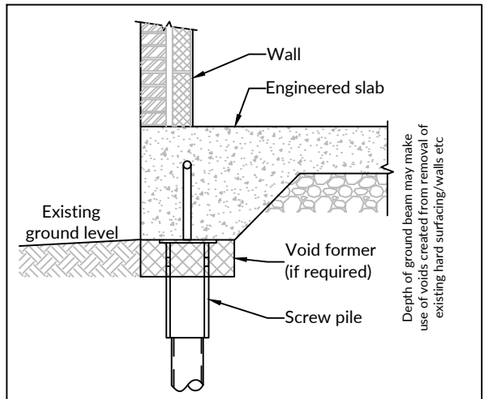
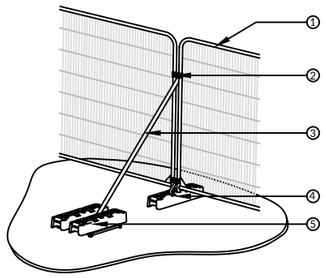


Fig. Typical detail of screw pile foundation

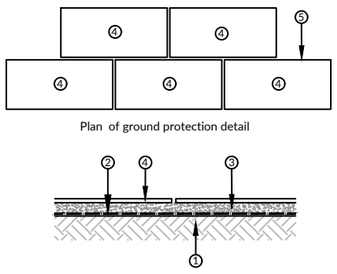
Images of screw pile installation

Figure 1: Example of a protective barrier



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

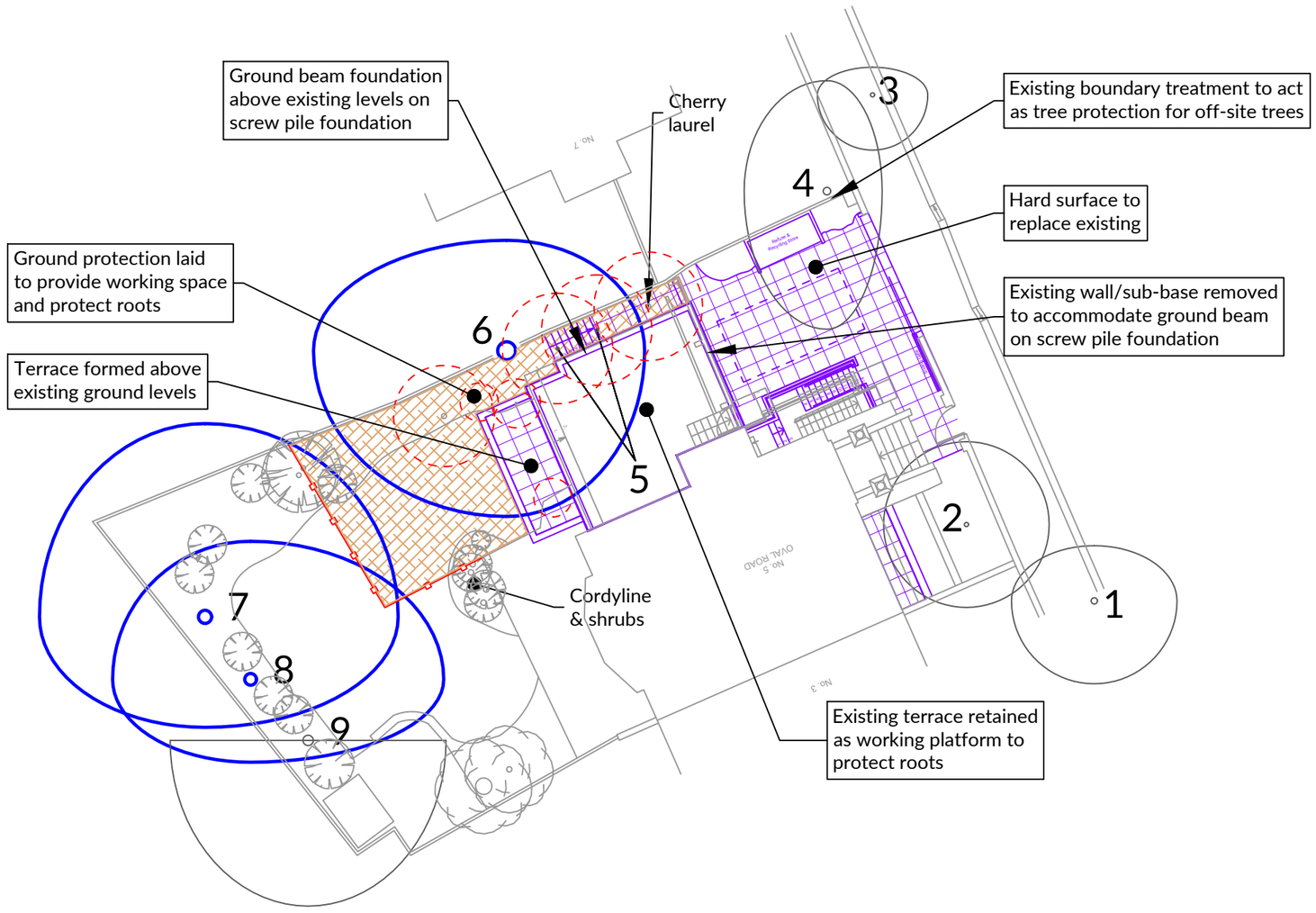
Figure 2: Typical ground protection detail



Plan of ground protection detail

Section of ground protection detail

1. Existing ground
2. Geotextile membrane eg. Terram 1000 or similar
3. Compression-resistant layer (e.g.100mm depth of woodchip)
4. Robust sheets (timber, steel, recycled plastic) overlying Terram 1000 or similar
5. Where wider than one sheet stagger joints



NORTH

0 5m 10m

NOTES

1. The original of this drawing was produced in colour - a monochrome copy should not be relied upon.
2. Scale for planning purposes only.
3. All dimensions to be checked on site.
4. The copyright of this document resides with Keen Consultants unless assigned in writing by the company.
5. Details shown on this drawing are devised with reference to *BS5837:2012 Trees in relation to design, demolition and construction - Recommendations.*
6. Check if Tree Preservation Order or Conservation Area protection applies to trees before undertaking tree works.
7. Existing Site Plan based on Charles Doe Architects project/drawing number 1435/S-01.
8. Proposed - Site Plan based on Charles Doe Architects project/drawing number 1435/TP-300.

KEY

- Existing site features
- Proposed structures
- Trees retained
- Trees for removal
- 2.0m high barrier as detail in Figure 1
- Area of ground protection as detail in Figure 2

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 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 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 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	Useful estimated remaining contribution of the tree or tree group
Condition	Brief description including physiological and structural defects
Tree Works	Works required to be undertaken to the trees to facilitate the construction of 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
Root Protection Area	Total area of minimum root protection area extrapolated from root protection radius

Rev	Description	Date
0	Preliminary issue	27.03.18

KEEN CONSULTANTS
Redlands Farm, Redlands Lane, Ewshot, Farnham, Surrey GU10 5AS
T 01252 850096
F 01252 851702
mail@keenconsultants.co.uk
keenconsultants.co.uk

Client
LEVY LLP

Project
5 OVAL ROAD, LONDON

Title
ARBORICULTURAL PLAN

Date	Scale
MARCH 2018	1:200@A3

Drawn by	Checked by
ML	JTK

Drawing Number
9965-KC-SP-YTREE-AP02Rev0