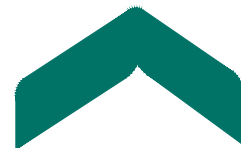


NORTH



0 10m 25m 50m 100m

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. Topographical survey based on m/s surveys project number 22496.
8. Tree numbers 10, 14, 22, 23, 33, 38, 40, 68, 69 & 80 plotted by eye.
9. Planning layout based on Copper Baillie Limited drawing number CB_84_139_001 Rev C.

KEY

- Existing site features
- Proposed structures
- Trees retained
- Root Protection Area (RPA)
- Trees for removal
- 2.0m high barrier as detail in Figure 1
- Default protective barrier as detail in Figure 2
- Minimum extent of no-dig construction. Actual deployment may be greater. As detail in Figure 3

F	Default protective barrier and root protection area shown as suggested by tree officer	10.06.21
E	Latest layout overlay	22.03.21
D	Latest layout overlay	27.01.21
C	New layout overlay	08.12.20
B	Latest layout overlay	28.02.20
A	Latest layout overlay	26.02.20
O	Preliminary issue	09.12.19

Rev	Description	Date
-----	-------------	------

KEEN CONSULTANTS
Keen Consultants is a trading name of Keen (Europe) Limited. Registered No: 12641584
Registered office: 4 Sudley Road, Bognor Regis, West Sussex, PO21 1EU

The Studio, Timbers,
Gables Road, Church Crookham,
Fleet, Hampshire
GU52 6QY
T 01252 850096
mail@keenconsultants.co.uk
keenconsultants.co.uk

Client

TAYLOR WIMPEY

Project

LAND NORTH OF SEFTER ROAD,
PAGHAM

Title

TREE PROTECTION PLAN

Date
DEC 2019

Scale
1:1250@A1

Drawn by
ML

Checked by
JTK

Drawing Number

9260-KC-XX-YTREE-TPP01RevF

KEY TO TREE SCHEDULE

Column Heading
Tree No.
Species
Ht (m)
Branch Spread
Stem Dia

Explanation
Unique number corresponding with number on plan
English names
Height in metres
Crown radius in metres to cardinal points of the compass
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 in metres between the ground and underside of canopy
Height from ground level to base of first major branch and the approximate direction of growth of growth
Abbreviations as suffix to a dimension
Suffix 'av' denotes an average dimension
Age Class definitions:
Y = Young S = Semi-mature E = Early mature
M = Mature O = Over mature
Summary of BS 5837: 2012 categorisation:

Category grading and Estimated remaining Contribution (yr)

Estimated remaining contribution Condition

Tree Works

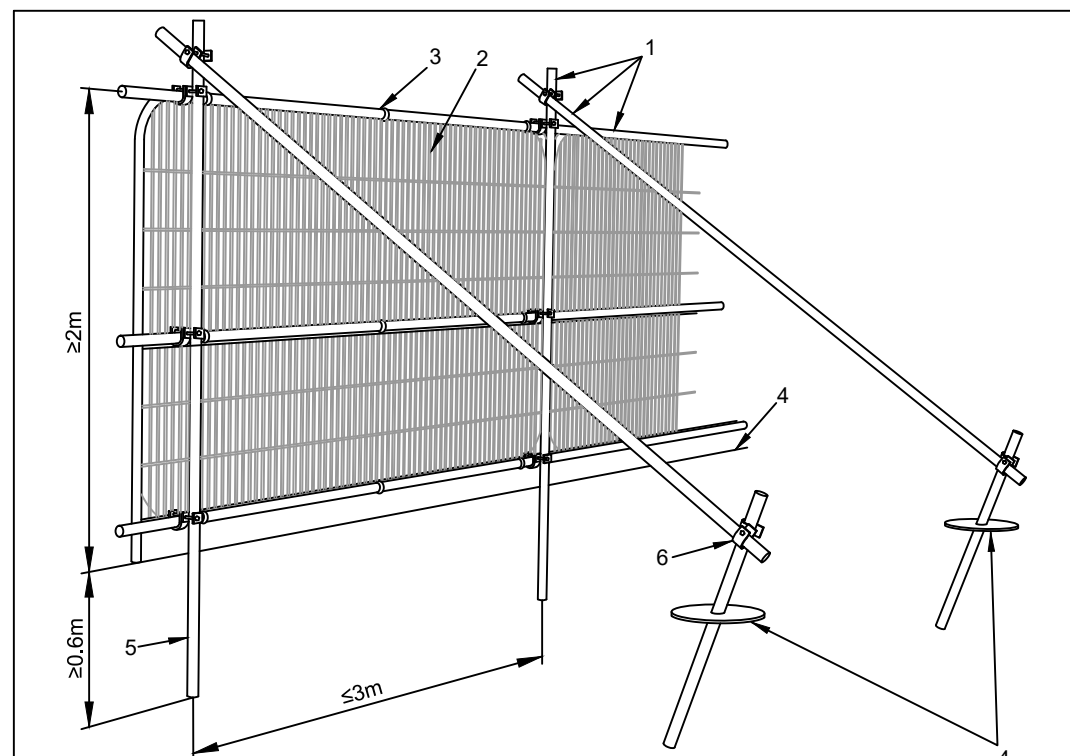
Root Protection Radius

Root Protection Area

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 than 10 years
2. Trees to be considered for retention:
A1, 2 or 3 = trees of high quality (substantial contribution >40 yr)
B1, 2 or 3 = trees of moderate quality (significant contribution >20 yr)
C1, 2 or 3 = trees of low quality (but adequate, i.e. >10 yrs or young trees - until new planting can be established)

Note: Useful estimated remaining contribution of the tree or tree group based on figures stated in BS5837:2012
Brief description including physiological and structural defects
Works required to be undertaken to the trees to facilitate the construction of remediate a defect encountered during the survey
Radius of minimum root protection area in metres calculated from section 4.6 and Annex D of BS5837:2012
Total area of minimum root protection area extrapolated from root protection radius

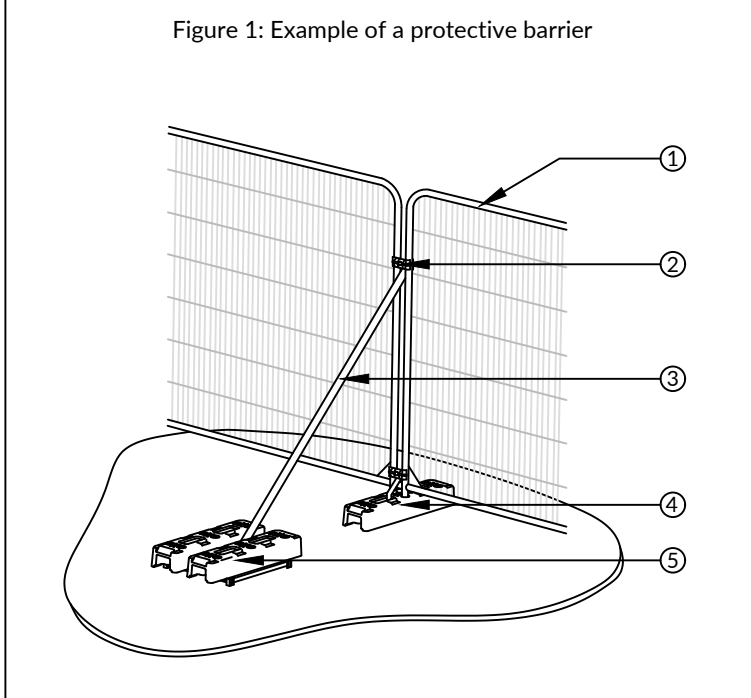
Figure 2 Default specification for protective barrier



Key

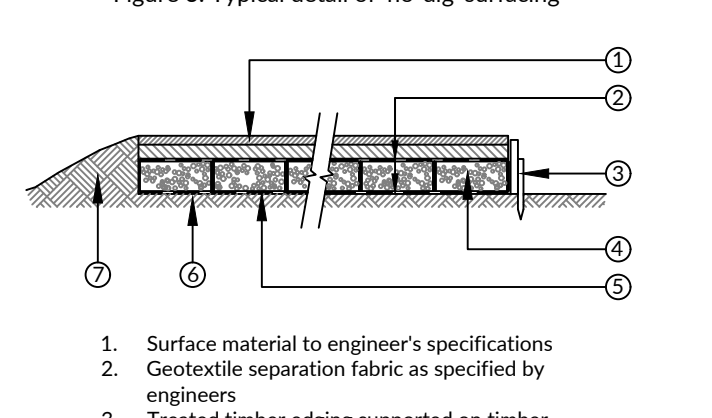
1. Steel mesh panel
2. Heavy gauge 2m tall galvanized tube and welded mesh infill panels
3. Panels secured to uprights and cross-members with wire ties
4. Uprights driven into the ground until secure (minimum depth 0.6m)
5. Standard scaffold clamps

Figure 1: Example of a protective barrier



© Keen Consultants

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



© Keen Consultants