

Localised area of small trees en vegetation along east side of Tye Lane to be removed as necessary to allow maintenance and enhancement of drainage ditch - as required by Arun DC Drainage Officer.

Area of trees consented and removed for emergency access/cycle link (red).

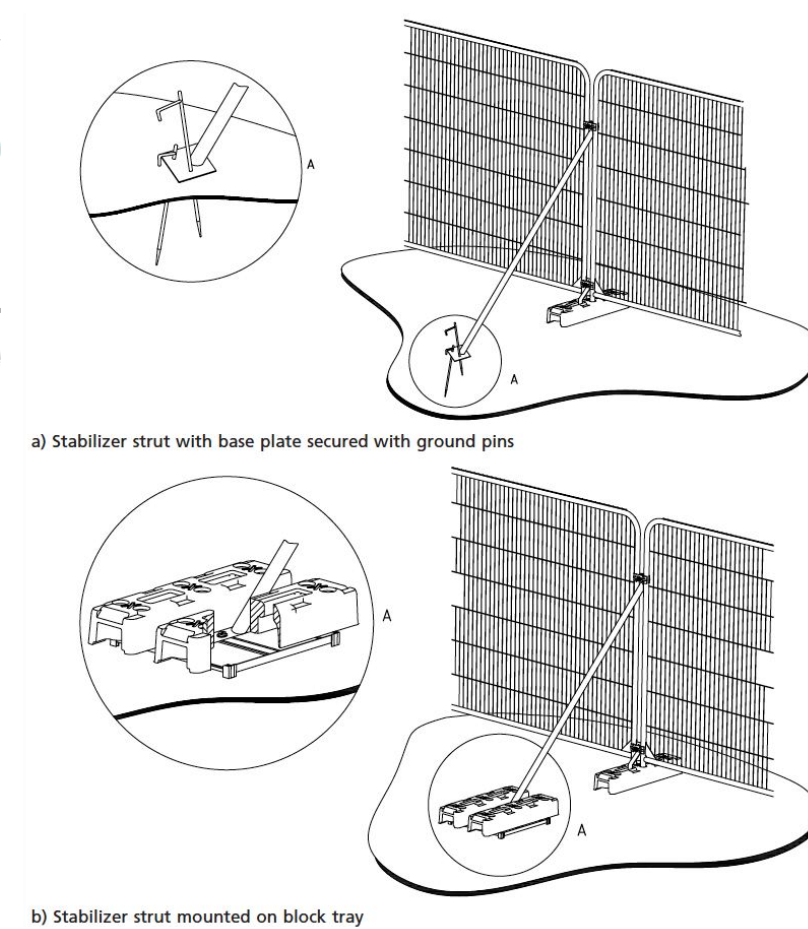
New footway constructed west of existing ditch, which will be backfilled as drainage altered via a piped culvert under the road.

Approx. area of additional trees to be removed for new permanent access (orange).

Holm oak T23 has 4m clearance above new footway. No pruning required.

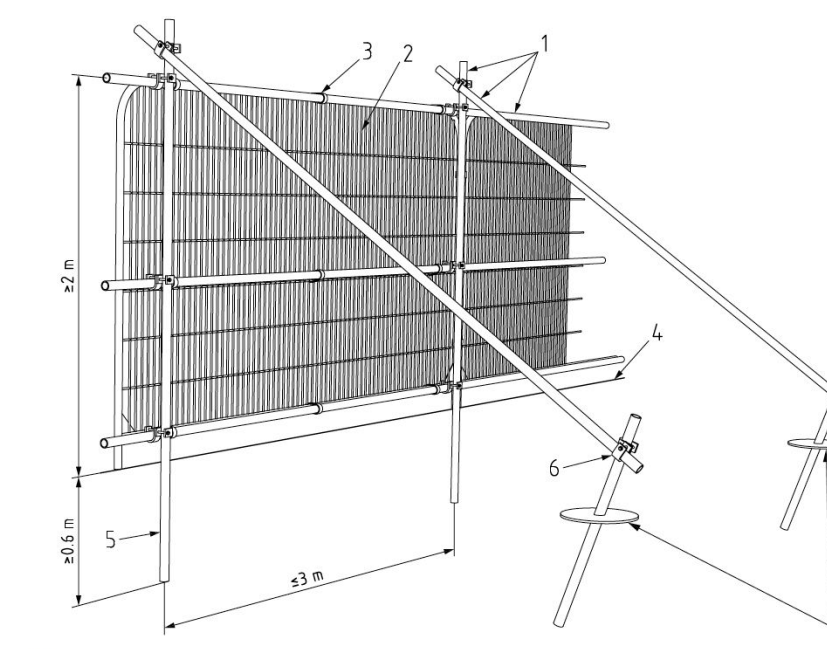
Removal of trees within the hedgerow 1m either side of the pipeline will be required. Works to be carried out under an arboricultural watching brief. Trees to be re-stocked with similar species after completion of the works.

BS:5837:2012 Figure 3 Examples of above-ground stabilizing systems



For more details refer to BS:5837:2012 'Trees in relation to design, demolition and construction - Recommendations' p.21

BS:5837:2012 Figure 2 Default specification for protective barrier



- Key
- Standard scaffold poles
 - Heavy gauge 2 m tall galvanized tube and welded mesh infill panels
 - Panels secured to uprights and cross-members with wire ties
 - Ground level
 - Uprights driven into the ground until secure (minimum depth 0.6 m)
 - Standard scaffold clamps

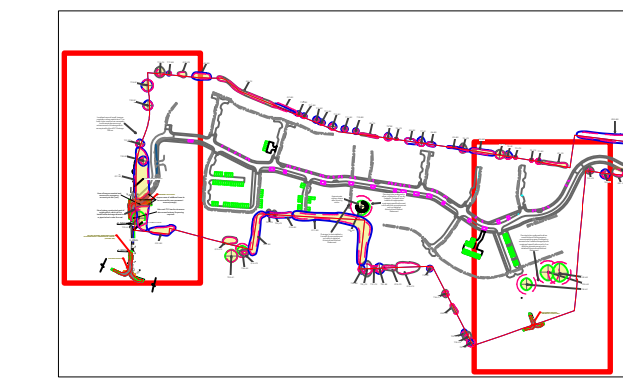
For more details refer to BS:5837:2012 'Trees in relation to design, demolition and construction - Recommendations' p.20

Tree No.	Species	RPA Radius	M RPA Area	M Category
T1	Hornbeam	3.8	46	B2
T2	Sugar maple	2	12	C2
T3	Rowan	1.8	10	C2
T4	Red Oak	4.3	59	B1
T5	Poplar	5.4	92	C2
T6	Poplar	4.2	55	C2
T7	Red oak	4.5	65	B1
T8	Cypress	1.3	5	C2
T9	Lime	4.7	69	B2
T10	Cherry plum (purple leaf)	2.4	18	B2
T11	Cherry	2.4	18	B2
T12	Sweet chestnut	4.2	55	B1
T13	Cherry	2.6	22	B2
T14	Pin oak	2.2	15	B1
T15	Whitebeam	2.3	16	B2
T16	Norway maple	2.4	18	B2
T17	Larch	2	13	B2
T18	Poplar	4.8	72	C2
T19	English oak	7.8	191	B1
T20	Field maple	6	113	B1
T21	Field maple	4.8	72	B2
T22	Sycamore	4.2	55	B2
T23	Holm oak	10.6	350	A1
T24	Monterey Pine	9	255	A2
T25	Lime	7.8	191	A1
T26	English oak	2.3	16	C2
T27	Field maple	2.3	16	C2
T28	English oak	14	619	A2
T29	Copper beech	4.8	72	B2
T30	Grey poplar	6.6	137	C2
T31	Lombardy poplar	3.8	46	C2
T32	Norway maple	4.8	72	B2
T33	English oak	2.4	18	B1
T34	Grey Poplar	3.6	41	C1
T35	Grey poplar	4.2	55	C2
T36	English oak	3	28	B2
T37	Lombardy poplar	5.4	92	B2
T38	Horse chestnut	12.8	518	A1
T39	English oak	1.7	9	A2
T40	English oak	15	707	A2
T41	Weeping willow	2.4	18	C2
T42	Silver birch	4.2	55	B1
G1	Cypress, oak, maple	2.4	18	C2
G2	Sycamore, ash	4.5	65	B2
G3	Hawthorn, hazel, elder	1.8	10	B2
G4	Sycamore	4.3	59	B2
G5	Sycamore	4.5	65	B2
G6	Hawthorn, elder	1.8	10	C2
G7	Lombardy poplar	4.8	72	B2
G8	Cypress	1.8	10	C2
G9	White willow	7.2	183	B2
G10	Poplar	4.2	55	C2
G11	Holly, laurel, holm oak, elder, sycamore	3.6	41	B2
G12	Sycamore, ash, hawthorn	4.2	55	B2
G13	Poplar, goat willow, holly	5.4	92	C2
G14	English elm	3	28	C2
G15	Field maple	3.3	35	B2
G16	Lombardy poplar	3.6	41	B2
G17	Lime, oak	4.2	55	B2
G18	Hawthorn, elm	2.2	15	C2
G19	Grey Poplar, hybrid poplar, lombardy poplar	8.2	209	C2
G20	Lombardy poplar	3.8	46	C2
G21	Cherry	3	28	C2
G22	Norway maple, sycamore, poplar, ash, rowan	4.8	72	B2
G23	English elm, hawthorn	1.3	5	C2
H1	English elm, hawthorn	1.3	5	C2
H2	Holly	1.5	7	B2
H3	Hawthorn	0.6	1	B2
H4	Hawthorn, ash, elder	1.1	4	C2

Fencing to be realigned to allow construction of the emergency access and play area. Emergency access to be installed to appropriate engineer's specification and in line with the procedures set out in detailed Arboricultural Method Statement

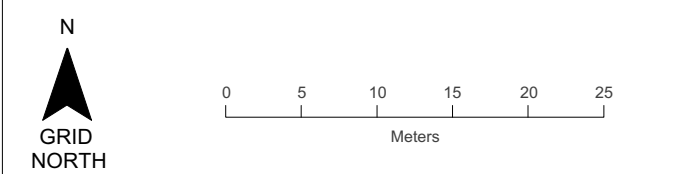
- KEY
- BS 5837 - 2012 Categories
- Tree Category A - High Quality
 - A Category - Hedgerow, Group, Woodland
 - Tree Category B - Moderate Quality
 - B Category - Hedgerow, Group, Woodland
 - Tree Category C - Low Quality
 - C Category - Hedgerow, Group, Woodland
 - Tree Category U - Unsuitable for Retention
 - U Category - Hedgerow, Group, Woodland
 - Root Protection Area to BS 5837:2012
 - Shrub Mass / Offsite Tree / OOS (Out of scope)
 - Tree Preservation Order (TPO)
 - Tree / Hedgerow to be removed
 - Primary Tree Protection Secondary Barrier to BS 5837:2012 (FIGURE 2)
 - Secondary Tree Protection Secondary Barrier to BS 5837:2012 (FIGURE 2)
 - Tree Protection Barrier to BS 5837:2012 (FIGURE 3)

Where trees are considered to be subject to Tree Preservation Order more detailed checks will be required in instances in order to confirm exact boundaries for the areas covered by each TPO



SITE LAYOUT @ 1:10,000

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



PROJECT TITLE
Land East of Tye Lane, Walberton (C.2686)

DRAWING TITLE
Combined Tree Retention/Removal & Protection Plan - Access Arrangements

SCALE
1:500 @ A1 BHA_401_03

DRAWN BY
SD

APPROVED BY
PB

REVISION
A

SHEET
-

DATE
04/06/2021

CLIENT
Linden Homes South

COORDINATE SYSTEM / DATUM
British National Grid / Newlyn Datum (AOD)

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