

THIS DRAWING MUST BE VIEWED IN COLOUR AND READ IN CONJUNCTION WITH ARBORICULTURAL IMPACT ASSESSMENT AND METHOD STATEMENT

Phase	Requirements	Method																																				
1 Prior to erection of protective fencing.	Undertake tree and vegetation felling/pruning Trees/vegetation to be removed:  Vegetation in woodland (W1) for access path: 	Refer to section 4.6 & 5.5 of AIA/MS report. All tree works to be carried out to BS3998: 2010; by suitably qualified and insured professional tree surgeons. The following tree felling must be undertaken at this Phase: <table><tr><th colspan="2">Items requiring removal:</th></tr><tr><td>G8</td><td>Group of Wild Cherry</td></tr><tr><td>T28</td><td>Sycamore</td></tr><tr><td>T29</td><td>Sycamore</td></tr><tr><td>T31</td><td>Lime</td></tr><tr><td>G9</td><td>4x Sycamore</td></tr><tr><td>G23</td><td>Sweet Chestnut</td></tr><tr><td>T111</td><td>Sycamore</td></tr><tr><td>G27</td><td>Mixed Species Group (partial removal only refer to plan)</td></tr><tr><td>T124</td><td>Sweet Chestnut</td></tr><tr><td>T125</td><td>Beech</td></tr><tr><td>T161</td><td>Wellingtonia</td></tr><tr><td>T162</td><td>English Yew</td></tr><tr><td>T163</td><td>London Plane</td></tr><tr><td>W1</td><td>Selected trees within Woodland (refer to Appendix D of Arboricultural Impact Assessment and Method Statement)*</td></tr></table> <i>*Tree felling will occur within the north-east section of Woodland W1. The trees within the woodland are to be clearly marked with paint spray and high viz tape by the project arboriculturalist prior to works. All stumps to be removed by self powered stump-grinder</i> The following tree pruning must be undertaken at this Phase: <table><tr><th colspan="2">Items requiring pruning:</th></tr><tr><td>T52</td><td>Oak. Crown lift canopy to 4.5m height on easterly side (only the outer 2m length of the outer easterly canopy requires the crown lift)</td></tr><tr><td>T54</td><td>Sycamore. Crown lift canopy to 4.5m height on easterly side (only the outer 3m length of the outer easterly canopy requires the crown lift)</td></tr></table>	Items requiring removal:		G8	Group of Wild Cherry	T28	Sycamore	T29	Sycamore	T31	Lime	G9	4x Sycamore	G23	Sweet Chestnut	T111	Sycamore	G27	Mixed Species Group (partial removal only refer to plan)	T124	Sweet Chestnut	T125	Beech	T161	Wellingtonia	T162	English Yew	T163	London Plane	W1	Selected trees within Woodland (refer to Appendix D of Arboricultural Impact Assessment and Method Statement)*	Items requiring pruning:		T52	Oak. Crown lift canopy to 4.5m height on easterly side (only the outer 2m length of the outer easterly canopy requires the crown lift)	T54	Sycamore. Crown lift canopy to 4.5m height on easterly side (only the outer 3m length of the outer easterly canopy requires the crown lift)
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2 Prior to any construction works on site	Erection of protective fencing: To retain throughout the duration of the development.	Protective fencing is to be erected in accordance with 5.6 of AIA/MS report. The fencing must comply with the positions shown in the Tree Protection Plan. Easting and Northing coordinates are provided for the accurate erection of fencing. No works, no storage of materials, no access, or any ground disturbance is to take place within the Tree Protection Barrier Fencing other than works specified within the Arboricultural Method Statement. Fenced areas are to be treated as Construction Exclusion Zones. Warning signs to be placed on all protective fencing. For large sections of fencing the signs must be placed at 20m intervals. Signs must be laminated and securely attached at all corners. Two signs are to be placed side by side; copies of which are attached within Appendix A .																																				
3 Verifying quality of protective barriers	Verify that the location and quality of tree protection barriers is adequate prior to onset of main site works.	Site visit with Arboricultural Consultant and Site Manager. Tree Officer to be pre-informed of visit. In order for set works to proceed the pro-forma in Appendix B of the AIA/MS report is to be completed and passed on to the local planning authority. If the protective barriers are not adequately, work is not to proceed until rectified.																																				

Phase	Requirements	Method
4 Ongoing	Maintain protective fencing	The tree protective barrier fencing is to remain in situ during all demolition and construction works.
5 Installation of geotextile cellular confinement system	Installation of 'non-dig' section of footpath within Woodland (W1)	A three dimensional cellular confinement system is to be utilised for construction of the path (Cellweb). Guidance for the installation of the Cellweb is attached within Appendix C . Cross section details are to be provided (in conjunction with engineer and Cellweb recommendations). Technical specifications required, as well as cross section details relevant to the site can be provided by Cellweb suppliers. Geosynthetic (01455 617139). Email Sales@geosyn.co.uk. Tree barrier protective fencing is to be moved only immediately prior to the installation of the Cellweb. The installation is to be carried out under Arboricultural Supervision . The ground layer in which Cellweb is to be installed is to be subject only to removal of exiting turf layer. All construction activity is to take place within the footprint of the footpath itself. Adjoining levels must marry with the required depth of the Cellweb, not vice versa.
6 Completion of main construction and landscaping	Landscaping and dismantling of tree barrier protective fencing.	It is essential that ground levels within the root protection areas are not altered, either by raising or lowering soil levels; even at the landscaping stage. Any boundary treatments that are constructed within construction exclusion zones are to be erected entirely by hand.



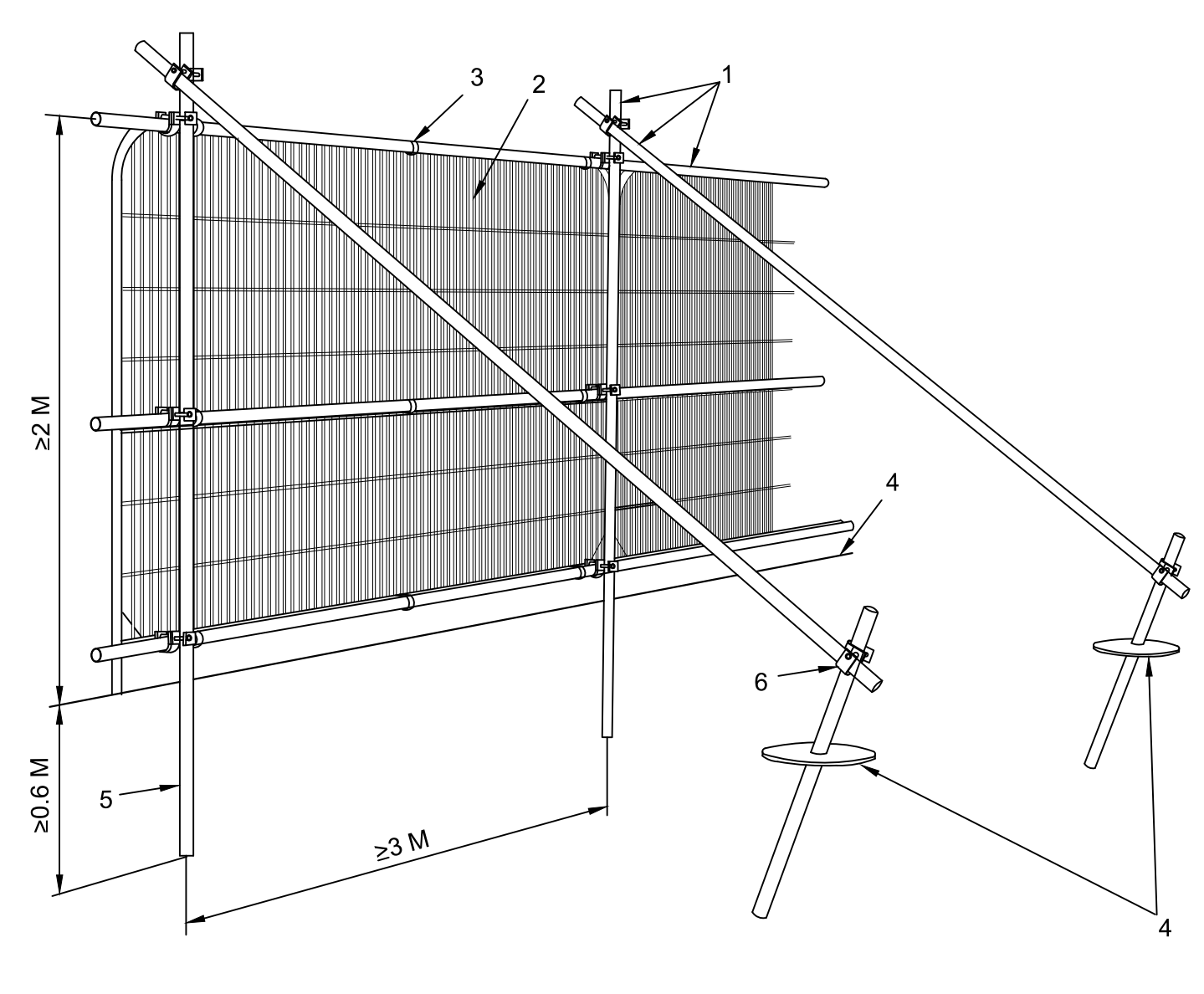
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F2	X=341392.1738 Y=385836.9720	F32	X=341102.5300 Y=385971.5402	F59	X=341290.8607 Y=386027.7417	F92	X=341464.7608 Y=385918.8887
F3	X=341388.9234 Y=385838.3187	F33	X=341098.0487 Y=385967.7165	F60	X=341298.4285 Y=386018.8279	F93	X=341463.1263 Y=385918.2924
F4	X=341385.8834 Y=385836.5767	F34	X=341102.8177 Y=385962.4761	F61	X=341300.6796 Y=386014.0964	F94	X=341460.6966 Y=385923.3280
F5	X=341378.8157 Y=385836.2335	F35	X=341084.0620 Y=385982.6155	F62	X=341309.6668 Y=386010.2844	F95	X=341457.7061 Y=385932.8800
F6	X=341375.3748 Y=385835.5811	F36	X=341088.9878 Y=385977.5642	F63	X=341316.1204 Y=386007.3899	F96	X=341453.5445 Y=385946.1729
F7	X=341364.6015 Y=385826.5867	F37	X=341100.2764 Y=385986.6305	F64	X=341329.9950 Y=386010.3280	F97	X=341423.5100 Y=385969.2727
F8	X=341363.1443 Y=385823.4014	F38	X=341079.5959 Y=386021.1665	F65	X=341335.3730 Y=386015.2347	F98	X=341404.8173 Y=385982.4265
F9	X=341361.5877 Y=385816.1507	F39	X=341073.5397 Y=386029.6585	F66	X=341343.5280 Y=386021.9803	F99	X=341390.9978 Y=385985.7569
F10	X=341355.0330 Y=385803.6444	F39a	X=341079.2207 Y=386032.5118	F67	X=341349.4577 Y=386025.8316	F100	X=341374.5100 Y=385987.2994
F11	X=341341.3855 Y=385799.5758	F40	X=341073.8038 Y=386042.0989	F68	X=341364.7276 Y=386034.1303	F101	X=341357.0135 Y=385979.3664
F12	X=341337.3639 Y=385793.6089	F40a	X=341071.7210 Y=386050.8826	F69	X=341380.1463 Y=386042.7106	F102	X=341345.7249 Y=385962.8082
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F14	X=341320.1878 Y=385781.5720	F41	X=341073.1138 Y=386074.1487	F71	X=341410.6550 Y=386066.9361	F104	X=341348.5086 Y=385944.7569
F15	X=341318.3856 Y=385771.0145	F42	X=341063.5768 Y=386124.2073	F72	X=341421.4770 Y=386076.0142	F105	X=341344.9979 Y=385920.0917
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F17	X=341292.1892 Y=385774.2567	F43a	X=341079.3235 Y=386144.7352	F74	X=341443.3042 Y=386087.2930	F107	X=341367.0057 Y=385903.6514
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F21	X=341264.8024 Y=385799.8956	F45	X=341121.8245 Y=386179.7875	F78	X=341496.3611 Y=386045.5512	F111	X=341400.3155 Y=385865.3305
F21A	X=341247.7551 Y=385816.6492	F46	X=341133.0647 Y=386179.4509	F79	X=341500.1893 Y=386032.9801	F112	X=341411.5903 Y=385850.7509
F22	X=341225.3026 Y=385838.7136	F47	X=341148.0959 Y=386180.6982	F80	X=341519.3332 Y=385998.7290	F113	X=341474.5789 Y=385887.3738
F23	X=341210.2388 Y=385853.5190	F48	X=341158.7189 Y=386180.2439	F81	X=341525.0551 Y=385968.7497	F114	X=341477.2723 Y=385889.2450
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F26	X=341187.7126 Y=385902.5483	F51	X=341210.8329 Y=386148.1029	F84	X=341474.1432 Y=385927.5419	F117	X=341483.2795 Y=385874.2965
F27	X=341174.7516 Y=385920.3150	F52	X=341224.2339 Y=386130.5973	F85	X=341478.1488 Y=385917.7889	F118	X=341505.4575 Y=385885.8971
F28	X=341159.7629 Y=385935.9758	F53	X=341224.7006 Y=386113.8970	F86	X=341485.3270 Y=385906.8075	F119	X=341502.2504 Y=385884.4565
F29	X=341147.2505 Y=385943.6186	F54	X=341226.8008 Y=386105.4377	F87	X=341487.6302 Y=385906.4710	F120	X=341494.3262 Y=385898.1728
F30	X=341129.6267 Y=385956.5134	F55	X=341232.5532 Y=386096.2922	F88	X=341493.8728 Y=385909.8457	F121	X=341505.7304 Y=385906.3548
F31	X=341114.6399 Y=385971.6759	F56	X=341247.4338 Y=386076.0265	F89	X=341471.6370 Y=385896.3029		
F32	X=341110.4383 Y=385977.4954	F57	X=341259.3828 Y=386061.3920	F90	X=341475.1821 Y=385898.4914		

Tree Schedule		
Tree Number	Radius	Category
G1	3m	C2
G2	3m	C2
G3	2.0m	U
G4	2.0m	U
G5	2.4m	B2
G6	2.4m	B2
G7	2.4m	B2
G8	2.4m	B2
G9	2.4m	B2
G10	2.4m	B2
G11	2.4m	B2
G12	2.4m	B2
G13	2.4m	B2
G14	2.4m	B2
G15	2.4m	B2
G16	2.4m	B2
G17	2.4m	B2
G18	2.4m	B2
G19	2.4m	B2
G20	2.4m	B2
G21	2.4m	B2
G22	2.4m	B2
G23	2.4m	B2
G24	2.4m	B2
G25	2.4m	B2
G26	2.4m	B2
G27	2.4m	B2
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G29	2.4m	B2
G30	2.4m	B2
G31	2.4m	B2
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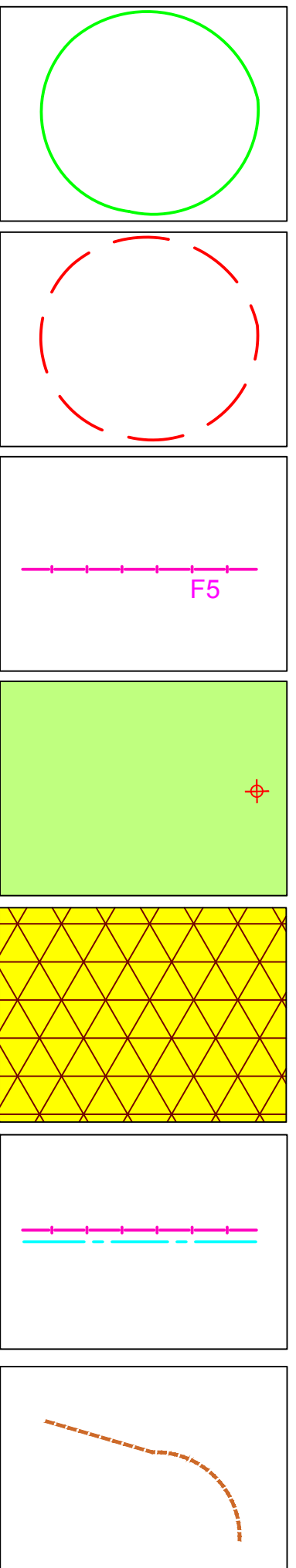
BS 5837 (2012) Tree Protection Fencing

NOTES

- 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.



KEY



TREES/GROUPS TO BE RETAINED

TREES/GROUPS TO BE REMOVED

TREE PROTECTION FENCING (INCLUDING EASTING AND NORTHING COORDINATES)

CONSTRUCTION EXCLUSION ZONES

GEOTEXTILE CELLULAR CONFINEMENT SYSTEM (CELLWEB) FOR INSTALLATION OF PERMANENT HARD SURFACE

SECTIONS OF TREE PROTECTIVE FENCING REQUIRING MESH COVER.

LANDSCAPE BUFFER

Amends to layout (Phase 0)

22.11.19

M

Amends to tree protection fencing

02.04.19

L

Amends to tree protection fencing

20.03.19

K

Amends to tree protection fencing

20.03.19

J

Amends to drainage plan

11.02.19

I

Amends to drainage plan

07.09.18

F

Amends to drainage plan

07.09.18

G

Amends to drainage plan

07.09.18

H

Amends to drainage plan

07.09.18

D

Amends to drainage plan

07.09.18

C

Amends to drainage plan

07.09.18

B

Amends to drainage plan

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A

Amends to drainage plan

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Rev

Amends to layout (Phase 0)

22.11.19

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Amends to drainage plan

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Amends to layout (Phase 0)