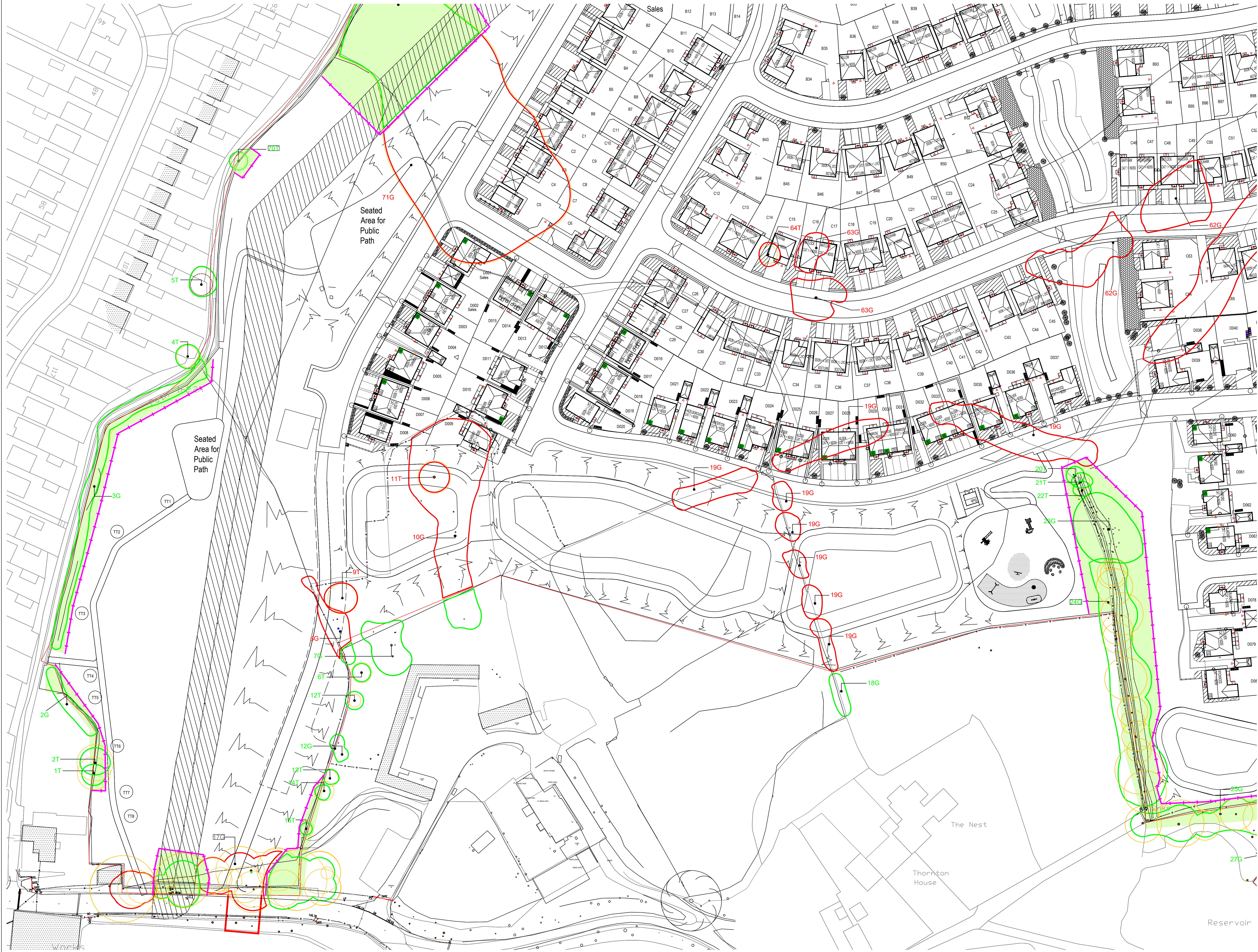
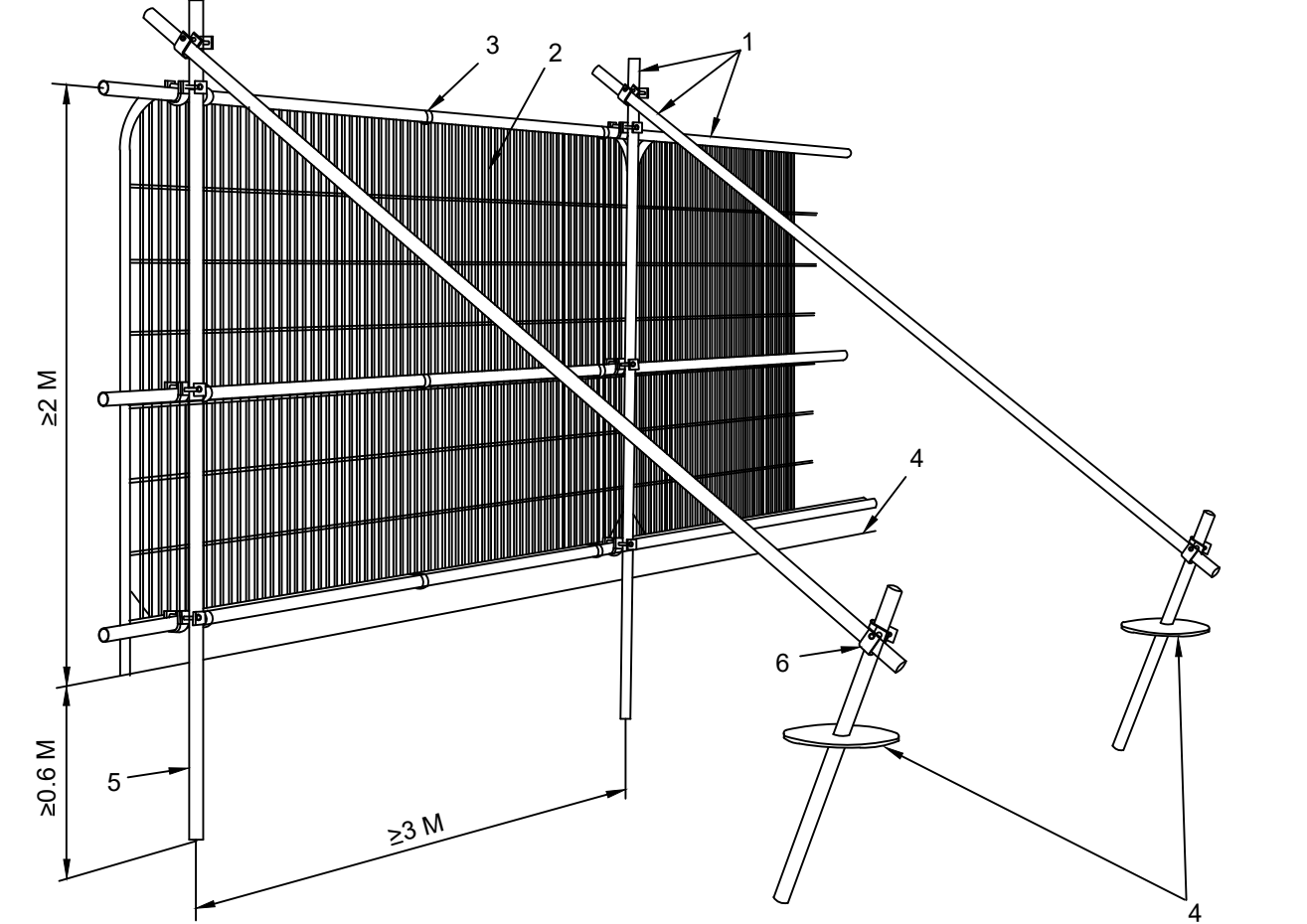




BS 5837 (2012) Tree Protection Fencing
NOTES

1. STANDARD SCAFFOLD POLES.
2. HEAVY GAUGE 2 M TALL GALVANIZED TUBE AND WELDED MESH INFILL PANELS.
3. PANELS SECURED TO UPRIGHTS AND CROSS-MEMBERS WITH WIRE TIES.
4. GROUND LEVEL.
5. UPRIGHTS DRIVEN INTO THE GROUND UNTIL SECURE (MINIMUM DEPTH 0.6 M).
6. STANDARD SCAFFOLD CLAMPS.



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

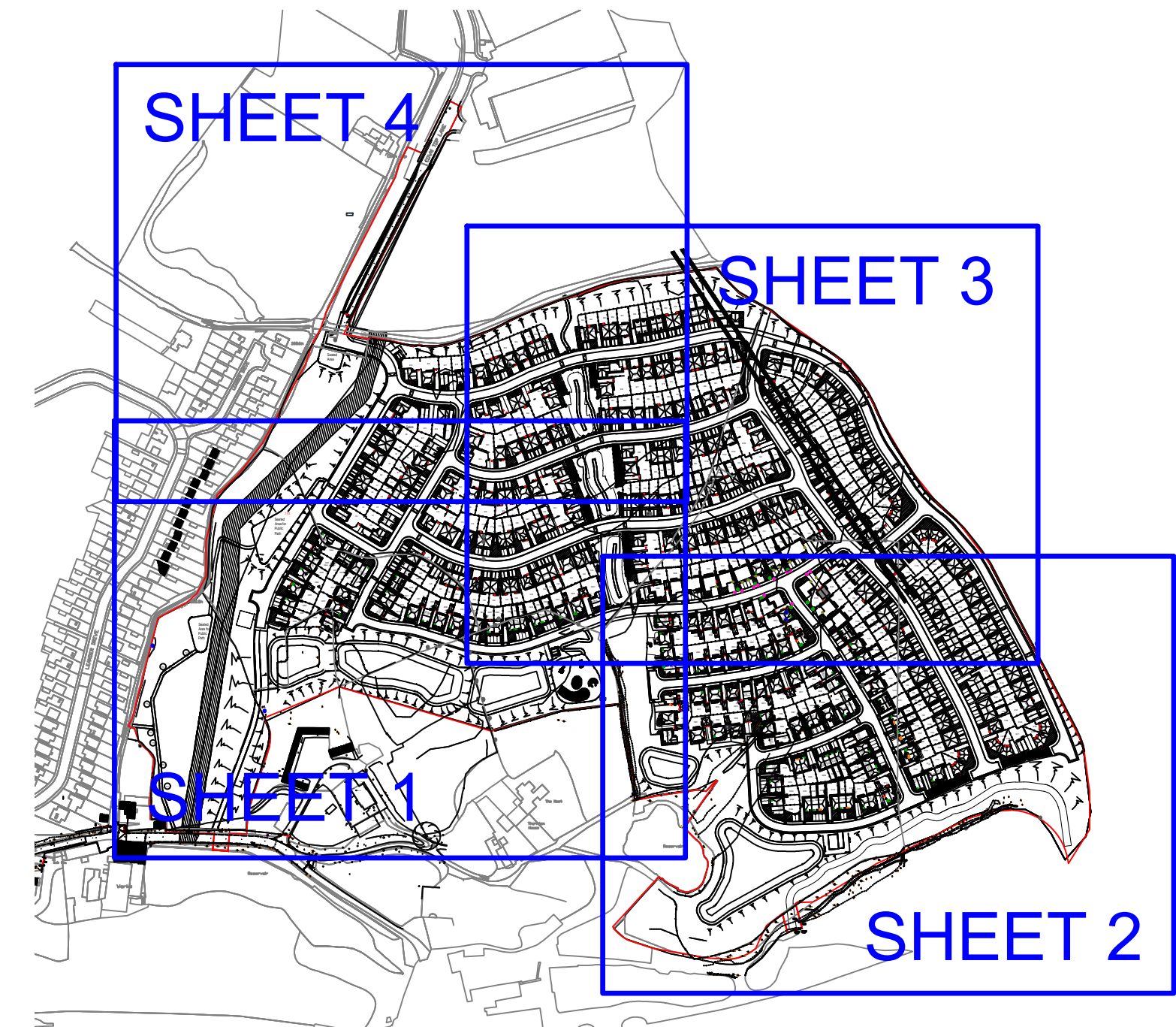
- ROOT PROTECTION AREAS
- TREES/GROUPS TO BE RETAINED
- TREES/GROUPS TO BE REMOVED
- FULL SPECIFICATION TREE PROTECTION BARRIER FENCING. TO REMAIN IN SITU THROUGHOUT DEVELOPMENT PROCESS
- CONSTRUCTION EXCLUSION ZONES

Phase	Requirements	Method
1	Prior to erection of protective fencing.	Refer to section 5.6 of AIA/MS report.
	Trees/vegetation to be removed:	The following tree felling must be undertaken at this Phase: Items requiring removal: 8G Oak, Goat Willow and Hawthorn (partial removal only – refer to Tree Protection Plan) 9T Turkey Oak 10G Group of Goat Willow, ash and oak (partial removal only – refer to drawing) 11T Goat Willow 17G Mixed Species Group (partial removal only – refer to drawing) 19G Field boundary Hedge remnants 28T Larch 29G Mixed Species Group (partial removal only – refer to drawing) 36T Alder 44T Common Oak 45T Elderberry 46T Common Oak 47G 2x Hawthorn 48G Silver Birch and Goat Willow 49T Silver Birch 50G Group of Silver Birch 51T Silver Birch 52T Common Oak 53G 2x Hawthorn 54G Group of Silver Birch 55G Group of Hawthorn 56G Goat Willow and Hawthorn 57G Hawthorn and Oak 58T Common Oak 59H Hawthorn Hedge 60T Elderberry and Hawthorn 61G Row of Hawthorn 62G Row of Hawthorn 63G Group of Hawthorn Elderberry and Ash 64T Hawthorn 65G Row of Hawthorn 67G Group of Hawthorn 68T Goat Willow 69G Mixed Species Group 71G Hawthorn, Bramble and Gorse (partial removal only – refer to plan) 72G Goat Willow and Common Oak.

Phase	Requirements	Method
2	Prior to any construction works on site	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. A scale copy of the Tree Protection Plan must be used as reference and fencing positions measured from the Plan using a scale rule and/or using the provided distances where shown. 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	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.
4	Ongoing	The tree protective barrier fencing is to remain in situ during all construction works.
5	Completion of main construction and landscaping	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. Landscaping operations must be undertaken in a manner that will not impact trees. Landscaping within the root protection area of trees must be undertaken in the following manner: 1. Any existing ground flora (grass/weeds/scrub) is to be sprayed with a systemic herbicide and left to die-off. 2. Dead flora is to be trimmed as hard as possible with a brush cutter or similar. The bulk of the trimmed material is to be removed by raking. 3. A good quality organic topsoil layer may be placed down. Small depressions may be filled (and lightly compacted underfoot). Placed topsoil soil layers must not exceed 100mm depth. 4. No plant machinery operating within the root protection areas to exceed 1 tonne gross weight and must only operate from properly ground protection boards such as DuralMati Access Mats (see Appendix C). 5. Turf and other planting to proceed thereafter.

Phase	Requirements	Method
6	Completion of main construction and landscaping	Within the Construction Exclusion Zones of retained trees fencing shall be installed as follows: 1. Hand tools only 2. Exploratory post holes to be dug. Any roots encountered less than 2.5cm diameter should be clearly cut back. 3. Roots in excess of 2.5cm can only be removed once arboricultural advice has been sought. 4. Where roots in excess of 8cm are encountered, an alternative location for the post hole is required. 5. Prior to the pouring of concrete a non-permeable membrane must fully line the post hole.

Tree Number	Species	DBH Radius	Category
1T	Swampy	0.4m	B2
2G	Elderberry, Whitebeam and Wild Cherry	1.8m	C1
3G	Swampy	0.4m	B2
4G	Lapsed Hedge	0.4m	B3
4T	Hedge	0.4m	B1
5T	Ash	0.4m	B1
6T	Ash	0.4m	B1
7G	Group of Oak, Goat Willow and Oak	1.8m	C1
8G	Willow and Hawthorn	1.6m	B2
9T	Turkey Oak	1.8m	B2
10G	Goat Willow, ash and oak	1.8m	C1
11T	Goat Willow	2.6m	C1
12T	Hawthorn	1.8m	C1
13T	Swampy	2.1m	C1
14T	Swampy	2.1m	B2
15T	Mixed	2.5m	C1
17G	Species	7.2m	A3
18G	Field Boundary Hedge remnants	4.8m	C2
19G	Common Oak	3m	C2
20T	Common Oak	3m	B2
21T	Oak	3m	B2
22T	Oak	3m	B2
23G	Group of Goat Willow	3.6m	C1
24G	Common Oak	7.2m	A3
25G	Species	0.4m	A2
26G	Goat Willow and Ash	0.4m	C3
27G	2x Crack Willow and 1x Horse Chestnut	1.8m	C2
28T	Larch	0.4m	B1
29G	Mixed	0.4m	A3
30G	Swampy	0.4m	C2
31T	Goat Willow	0.4m	C3
32G	Swampy	0.4m	C1
33G	Swampy	0.4m	C2
34H	Hawthorn	0.4m	C2
35G	Group of Willow, Elderberry, Hawthorn and single Larch	3m	B2
36T	Alder	3.9m	C1
37G	Species	4.2m	B2
38G	Mixed	3.6m	B2
39G	Species	3m	B2
40G	Group of Elm	4.2m	C1
41T	Ash	3.6m	B1
42G	Mixed	3.6m	B2
43T	Goat Willow	0.4m	C3
44T	Common Oak	3.6m	A2
45T	Elderberry	1.4m	B3
46T	Common Oak	10.8m	A3
47G	2x Hawthorn	3m	C1
48G	Silver Birch and Goat Willow	3.6m	B2
49T	Silver Birch	3.6m	B2
50T	Silver Birch	3.6m	B2
51T	Common Oak	7.8m	B3
52T	Common Oak	3m	C2
53G	Group of Hawthorn	3.6m	B2
54G	Silver Birch	0.4m	C2
55G	Group of Hawthorn	4.1m	C2
56G	Goat Willow and Hawthorn	4.1m	C3
57G	Hawthorn and Oak	1.6m	C3
58T	Hawthorn	6.3m	A2
59H	Hedge	0.4m	C2
60G	Elderberry and Hawthorn	2.4m	C2
61G	Row of Hawthorn	1.6m	C2
62G	Self seeded Hawthorn	1.2m	C3
63G	Group of Hawthorn, Elderberry and Ash	2.1m	C1
64T	Hawthorn	3m	C1
65G	Mixed	4.2m	A2
66G	Row of Hawthorn	1.8m	C2
67G	Group of Hawthorn	2.1m	C2
68T	Goat Willow	0.4m	B1
69G	Mixed	2.4m	C2
70T	Wild Cherry	2.4m	C1
71G	Hawthorn, Bramble and Gorse	1.2m	C3
72G	Common Oak	1.2m	C1
73T	Common Oak	4.8m	B1
74W	Woodland Area	4.8m	A3



Approved to issue layout	13.06.24	B	MG
Removal of sections of 11G, 29G and 43T	12.09.22	A	MG
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Tel: 0161-308 3765 E-mail: info@trevorbridge.co.uk			
Project COWM TOP, CASTLETON			
GLP LTD & BARRATT HOMES			
TREE PROTECTION PLAN (SHEET 1 OF 4)			
Date JUN 24	Scale(s) 1:500 @ A0	Drawn by MG	Rev B