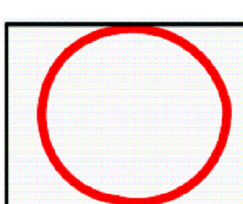
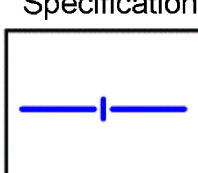




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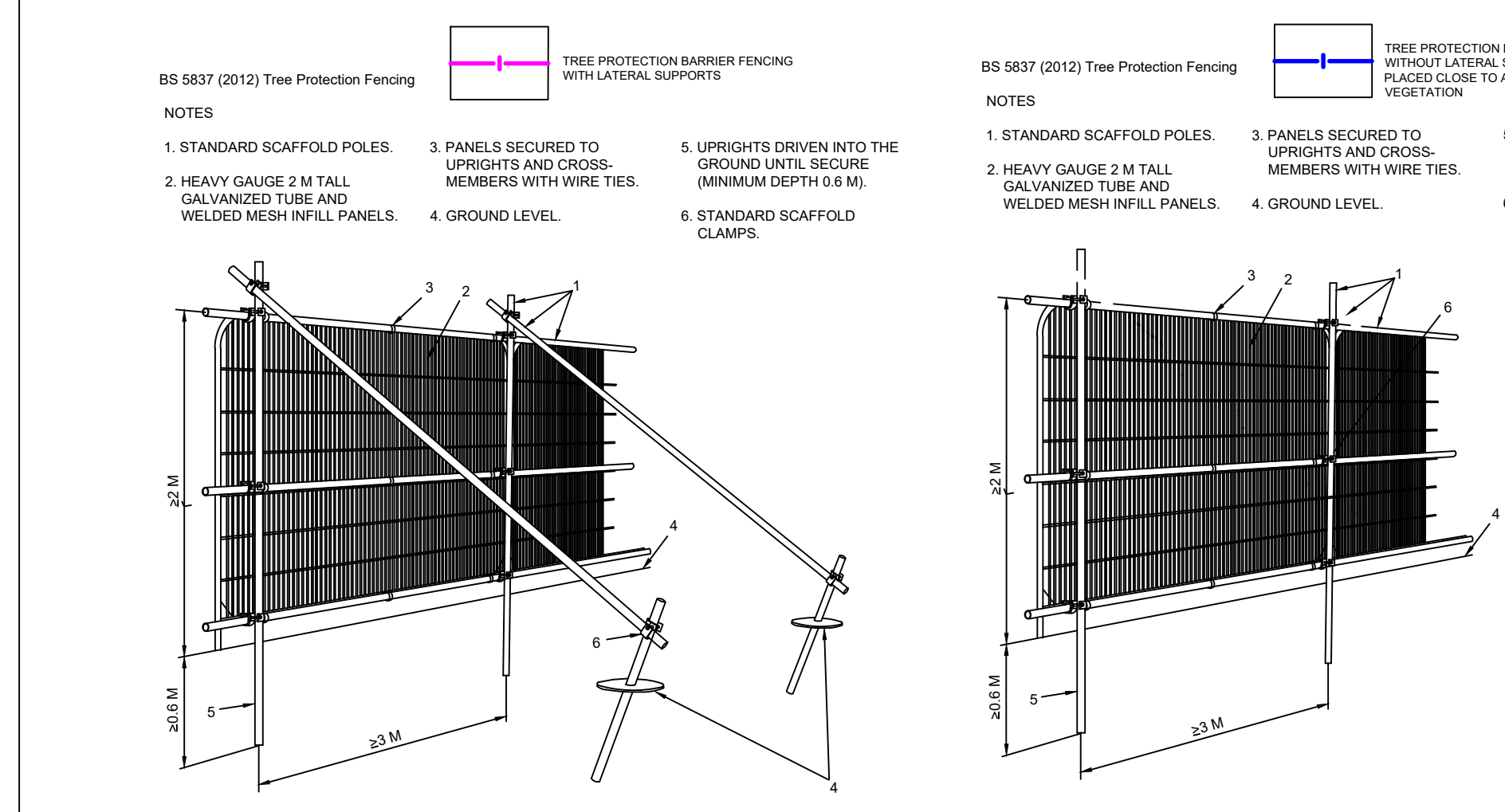
	ROOT PROTECTION AREAS
	TREES & VEGETATION TO BE RETAINED
	TREES & VEGETATION TO BE REMOVED
	TREES PROPOSED FOR MONOLITHING
	INDICATIVE TREE PROTECTION FENCING (SCAFFOLD BRACE WITH MESH AND LATERAL SUPPORTS)
	INDICATIVE TREE PROTECTION FENCING (SCAFFOLD BRACE WITH MESH)
	CONSTRUCTION EXCLUSION ZONES
	SECTIONS OF NON-DIG PATHS USING CELLULAR CONFINEMENT SYSTEM (CELLWEB OR SIMILAR)
	AREAS OF ROOT ZONE AMELIORATION (STRIPPING OF TURF, ADDITION OF IMPROVED BIOCHAR AND PLACEMENT OF WOODCHIP MULCH)

Phase	Requirements	Method																																				
1 Prior to erection of protective fencing.	Undertake tree and vegetation removal and pruning works Trees/vegetation to be removed:  Trees/vegetation to be pruned:	Refer to section 5.5 of AIA/MS report. All tree works to be carried out to BS3980: 2010 by suitably qualified and insured professional tree surgeons. The following tree/vegetation removal must be undertaken at this Phase: <table><tr><th colspan="2">Items requiring removal:</th></tr><tr><td>18G</td><td>Mixed Native Hedge (partial removal only – approximate removal of a 5m section of hedge from a total length of 105m).</td></tr><tr><td>46G</td><td>Group of Aspen (Removal of approximately 40% of the group).</td></tr><tr><td>56T</td><td>Field Maple.</td></tr><tr><td>63G</td><td>Bramble and Damson (partial removal only – approximate removal of a 8m section of hedge from a total length of 50m).</td></tr><tr><td>65G</td><td>Former Field Boundary Hedge. (partial removal only – approximate removal of a 15m section of hedge from a total length of 68m).</td></tr><tr><td>67G</td><td>2x Elderberry.</td></tr><tr><td>70G</td><td>Native Hedging (partial removal only – approximate removal of a 14m section of hedge from a total length of 80m).</td></tr><tr><td>71T</td><td>Pear</td></tr><tr><td>72T</td><td>Lapsed Native Hedging. (partial removal only – approximate removal of a 13m section of hedge from a total length of 80m).</td></tr><tr><td>75H</td><td>Refer to Outline Tree Protection Plan drawing 6271.06.</td></tr></table> The following tree pruning must be undertaken at this Phase: Note: Detailed pruning specification to be provided when considering final detailed layout. <table><tr><th colspan="2">Items requiring removal:</th></tr><tr><td>8T</td><td>Ash. Specification to be provided for reduction of selective scaffold limbs.</td></tr><tr><td>21T</td><td>Ash. Specification to be provided for reduction of selective scaffold limbs.</td></tr><tr><td>22T</td><td>Ash. Specification to be provided for reduction of selective scaffold limbs.</td></tr><tr><td>51T</td><td>Ash. Monolith.</td></tr><tr><td>52T</td><td>Ash. Monolith.</td></tr><tr><td>61T</td><td>Ash. Monolith.</td></tr></table>	Items requiring removal:		18G	Mixed Native Hedge (partial removal only – approximate removal of a 5m section of hedge from a total length of 105m).	46G	Group of Aspen (Removal of approximately 40% of the group).	56T	Field Maple.	63G	Bramble and Damson (partial removal only – approximate removal of a 8m section of hedge from a total length of 50m).	65G	Former Field Boundary Hedge. (partial removal only – approximate removal of a 15m section of hedge from a total length of 68m).	67G	2x Elderberry.	70G	Native Hedging (partial removal only – approximate removal of a 14m section of hedge from a total length of 80m).	71T	Pear	72T	Lapsed Native Hedging. (partial removal only – approximate removal of a 13m section of hedge from a total length of 80m).	75H	Refer to Outline Tree Protection Plan drawing 6271.06.	Items requiring removal:		8T	Ash. Specification to be provided for reduction of selective scaffold limbs.	21T	Ash. Specification to be provided for reduction of selective scaffold limbs.	22T	Ash. Specification to be provided for reduction of selective scaffold limbs.	51T	Ash. Monolith.	52T	Ash. Monolith.	61T	Ash. Monolith.
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2 Prior to any construction works on site	Erection of protective fencing: Full Specification:  Medium Specification: 	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 or using Easting and Northing points were provided. 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. It is key that protective fencing is fully erected prior to the on-set of any works within the site. It is advised that fencing be erected by third party contractors, prior to the arrival of main site																																				

Phase	Requirements	Method
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/AMS 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	Installation of geotextile cellular confinement systems (for non-dig path sections)	Installation of non-dig pavement surfaces. A three dimensional cellular confinement system is to be utilised (Cellweb). Guidance for the installation of the Cellweb is attached within Appendix D. 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 existing turf layer. Adjoining levels must marry with the required depth of the Cellweb, not vice versa. Once Cellweb is installed the protective fencing is to be relocated immediately adjacent the installed areas of Cellweb.
6	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: - Any existing ground flora (grass/weeds/scrub) is to be sprayed with a systemic herbicide and left to die-off. - Dead flora is to be stripped as hard as possible with a brush cutter or similar. The bulk of the stripped material is to be removed by raking. 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. - No plant machinery operating within the root protection areas to exceed 1 tonne gross weight and must only operate from proprietary ground protection boards such as DuraMat Access Mats (see Appendix C). - Turf and other planting to proceed thereafter.

Phase	Requirements	Method
7	Amelioration of affected root protection areas	Improve the rooting medium of root protection areas affected by compaction / ground disturbance. Undertake remediation of surround roots zones. Specification to be provided in final detailed application. The following outline methodology to apply: - Potential removal/grading of soil and/or other ground deposits. - Undertaking vertical mulching of root-zone using vertical mulching treatment with improved bio-char mix. - Placement of woodchip mulch mix within root-zone.
8	Completion of main construction and installation of boundary treatments	In addition to the points addressed in 7 above, within RPAs of retained trees the wooden fencing shall be installed as follows: - Hand tools only. - Exploratory post holes to be dug. Any roots encountered less than 2.5cm diameter should be cleanly cut back. - Roots in excess of 2.5cm can only be removed once arboricultural advice has been sought. - Where roots in excess of 8cm are encountered, an alternative location for the post hole is required. - Prior to the pouring of concrete a non-permeable membrane must fully line the post hole.

Tree Number	Species	RPA Radius	Category
18G	Mixed Native Hedge (partial removal only – approximate removal of a 5m section of hedge from a total length of 105m).	5m	B2
46G	Group of Aspen (Removal of approximately 40% of the group).	7.8m	A2
56T	Field Maple.	10.2m	A2
63G	Bramble and Damson (partial removal only – approximate removal of a 8m section of hedge from a total length of 50m).	10.2m	B2
65G	Former Field Boundary Hedge. (partial removal only – approximate removal of a 15m section of hedge from a total length of 68m).	10.8m	A2
67G	Native Hedging (partial removal only – approximate removal of a 14m section of hedge from a total length of 80m).	12m	B2
70G	Native Hedging. (partial removal only – approximate removal of a 13m section of hedge from a total length of 80m).	12m	B2
71T	Lapsed Native Hedging. (partial removal only – approximate removal of a 13m section of hedge from a total length of 80m).	12m	B2
72G	Refer to Outline Tree Protection Plan drawing 6271.06.	12m	B2
12G	Mixed Native Hedge	3.6m	B3
14G	Mixed Native Hedge	3.6m	B3
15G	Mixed Native Hedge	3.6m	B3
16G	Mixed Native Hedge	3.6m	B3
17G	Mixed Native Hedge	3.6m	B3
18G	Mixed Native Hedge	3.6m	B3
19G	Mixed Native Hedge	3.6m	B3
20T	Ash	3.6m	C2
21T	Ash	10.2m	B3
22T	Ash	9.6m	B3
23G	Former Native Hedge	10.2m	B3
24T	Common Oak	10.2m	A3
25G	Former Native Hedge	10.2m	C2
26T	Ash	4.8m	U
27T	Ash	6.3m	U
28G	Former Native Hedge	4.8m	C1
29T	Common Oak	9.6m	B2
30T	Ash	3.6m	C2
31T	Ash	10.2m	B3
32T	Ash	4.8m	B1
33T	Common Oak	10.2m	C3
34T	Common Oak	6.6m	A2
35T	Ash	7.2m	C3
36T	Common Oak	11.4m	A3
37T	Common Oak	9m	A3
38G	Native Hedge	6.6m	B3
39T	Common Oak	13.8m	A3
40T	Common Oak	7.2m	A2
41G	Native Hedge	11.4m	B3
42T	Ash	13.2m	B3
43G	Sycamore and Common Oak	4.8m	B3
44G	Former Native Hedge	4.8m	B3
45G	Former Native Hedge	4.8m	B3
46G	Group of Aspen	7.8m	C1
47G	Former Native Hedge	4.8m	C2
48G	Former Native Hedge and Common Oak	4.8m	B3
49T	Ash	9m	B2
50T	Common Oak	10.8m	A3
51T	Ash	10.2m	U
52T	Ash	8.4m	U
53T	Common Oak	10.2m	A2
54G	Former Native Hedge	10.2m	B3
55T	Common Oak	8.3m	C3
56T	Field Maple	10.2m	B2
57T	Ash	4.8m	C1
58T	Ash	10.5m	B2
59T	Ash	9.6m	B2
60T	Ash	12.6m	C3
61T	Ash	4.8m	U
62G	Sycamore	4.8m	B2
63G	Bramble and Damson	10.2m	C3
64G	Fragmented Former Hedge	10.2m	C2
65G	Field Boundary Hedge	10.2m	B3
66G	2x Sycamore	10.2m	C1
67G	2x Elderberry	10.2m	U
68H	Native Hedge	10.2m	B3
69H	Native Hedge	10.2m	B3
70G	Native Hedging	10.2m	B3
71T	Lapsed Native Hedging	10.2m	C1
72G	Lapsed Native Hedging	10.2m	B3
73G	Lapsed Native Hedging	10.2m	B3
74G	Cherry with Elderberry	10.2m	C2
75H	Native Hedging	10.2m	B3
76T	Ash	5.1m	C1
77G	Mixed Species Hedgerow and Trees	10.2m	B3
78T	Purple Leaf Plum	3m	C1
79H	Hawthorn	10.2m	B3
80G	Field maple and sycamore	10.2m	B3
81G	Sycamore	10.2m	C3



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

AMEND TO ACCESS

07/12/23

MG

A

Date

Drawn

Rev

Landscape Architecture

Arboriculture

Trevor Bridge Associates Ltd

Aston Old Baths

Stanford Street West

Aston-under-Lyne

Lancs OL6 7PW

Tel: 0161-804 2099

E-mail: info@trevorbridge.co.uk

Project

Land off The Common, Barwell, Leicestershire

Harrow Estates

Title

OUTLINE TREE PROTECTION PLAN

(ILLUSTRATIVE LAYOUT)

Sheet 2 of 3

Date

NOV 23

Scale(s)

1:500

Dwg no

6721.05

Rev

A

Dwn

Chkd

MG