

BS 5837 Report

153 Hill Top Drive – Rochdale – OL11 2SB

Report Brief; MMA Tree Consultancy have been commissioned to produce a Tree Survey, Arboricultural Impact Assessment (AIA) a Arboricultural Method Statement (AMS) and a Tree Constraints' Plan (TCP) in respect of a planning application to erect a boundary fence within the theoretical root protection area of a tree to be retained

The Tree

Tree Number	Species	Height (m)	DBH (mm)	Crown Spread N-E-S-W	Life Stage	General Observations	SULE (years)	Retention Category
T1	Sycamore	10	470	4-4-4-4	YM	A good tree with no visible defects	50+	B

1 Trees to be removed

1.0 There are **no** trees to be removed as part of this proposal, although specific measures will need to be taken to retain T1.

2 Trees to be retained

2.0 The following trees will be retained in throughout development; T1

3 Pruning

3.1 No above ground pruning will be required.

There is a slight encroachment into the RPA of T1 and as such some minor root pruning may be required, in accordance with BS 5837 section 7.2.3, when the fence post holes are dug.

Fence post holes will be hand dug and positioned to avoid tree roots where possible.

Where it's not possible to avoid roots they should be cut cleanly with a sharp tool and the cut ends covered with soil. No roots over 25mm will be cut.

3.2 All tree works will be carried out in accordance with British Standard 3998 (2010) Tree Works recommendations.

4 Protective fencing

4.1 Protective fencing will be erected as outlined in BS 5837 2012 (figure 2 or 3) as per the Tree Constraints' Plan (TCP) which is only required for T1.

5 Temporary Ground Protection

5.1 There is not requirement for temporary ground protection on this project.

6 Site Supervision

6.1 MMA tree Consultancy will address contractors at a pre-commencement meeting and talk through the measures outlined in this AMS. The strict chronology of processes will be discussed in order that tree protection is in place prior to any materials being brought onto site.

BS 5837 Report

153 Hill Top Drive – Rochdale – OL11 2SB

6.2 MMA Tree Consultancy to check and sign off protective fencing.

6.3 MMA tree consultancy will make unannounced calls to the site during the works to ensure all tree protection measures are being complied with.

6.4 MMA tree Consultancy will visit the site upon completion and list any tree work or ground amelioration that is required following the works phase.

7 Services

7.1 There is no service installation on this project.

8 Storage of materials/site cabins etc

8.1 RPA's are to remain sacrosanct throughout the works phase and there will be no storage of any building materials, chemicals, fuel, or anything else in the RPA.

8.2 All site cabins and mess facilities will be sites well away from trees to be retained and outside of the RPA's.

8.3 Strictly no plant or machinery to enter RPA's – not even to pass through – a single passing of heavy plant can cause irreparable damage to tree roots.

8.4 No fires on any part of the site.

9 Specialist construction techniques

9.1 No specialist techniques are required on this project although the RPA of T1 is offset by 20% in accordance with BS5837 section 5.3 (a) "the trees can remain viable and that the area lost to encroachment can be compensated for elsewhere, contiguous with its RPA"

9.4 Ground levels will remain the same within the RPA of T1

10 Prohibited activities.

10.1 Cutting down, uprooting, damaging or otherwise destroying any retained tree.

10.2 Lighting fires anywhere on the site.

10.3 Equipment, signage, fencing, tree protection barriers, materials, components, vehicles or structures shall not be attached to or supported by a retained tree.

10.4 Mixing cement, chemical toilets, and other use or storage of anything that would be harmful to trees shall not take place within or close to a Root Protection Area. The distance away from the RPA must be sufficient, and the slope of the site must be such that contamination of soil within the RPA would not occur if there were spillage, seepage, or displacement.

10.5 No plant or equipment or vehicle with a hydraulic arm such as a mini digger shall be operated within striking distance of the stem and branches or the RPA of any retained tree unless otherwise specified in this report.

10.6 No alterations or variations shall be made to the approved tree protection measures without the written approval from the LPA.

BS 5837 Report

153 Hill Top Drive – Rochdale – OL11 2SB

11 Chronology of processes

- AIA, AMS submitted to LPA for approval.
- AIA, AMS approved
- Pre-commencement meeting with MMA Tree Consultancy and appointed contractor.
- Trees to be removed are removed and trees to be pruned are pruned.
- Temporary ground protection installed (if required)
- Protective fencing installed
- Protective fencing and ground protection are checked and approved.
- Works' phase commences
- Unannounced site checks are undertaken
- Works' phase ends
- Final site check

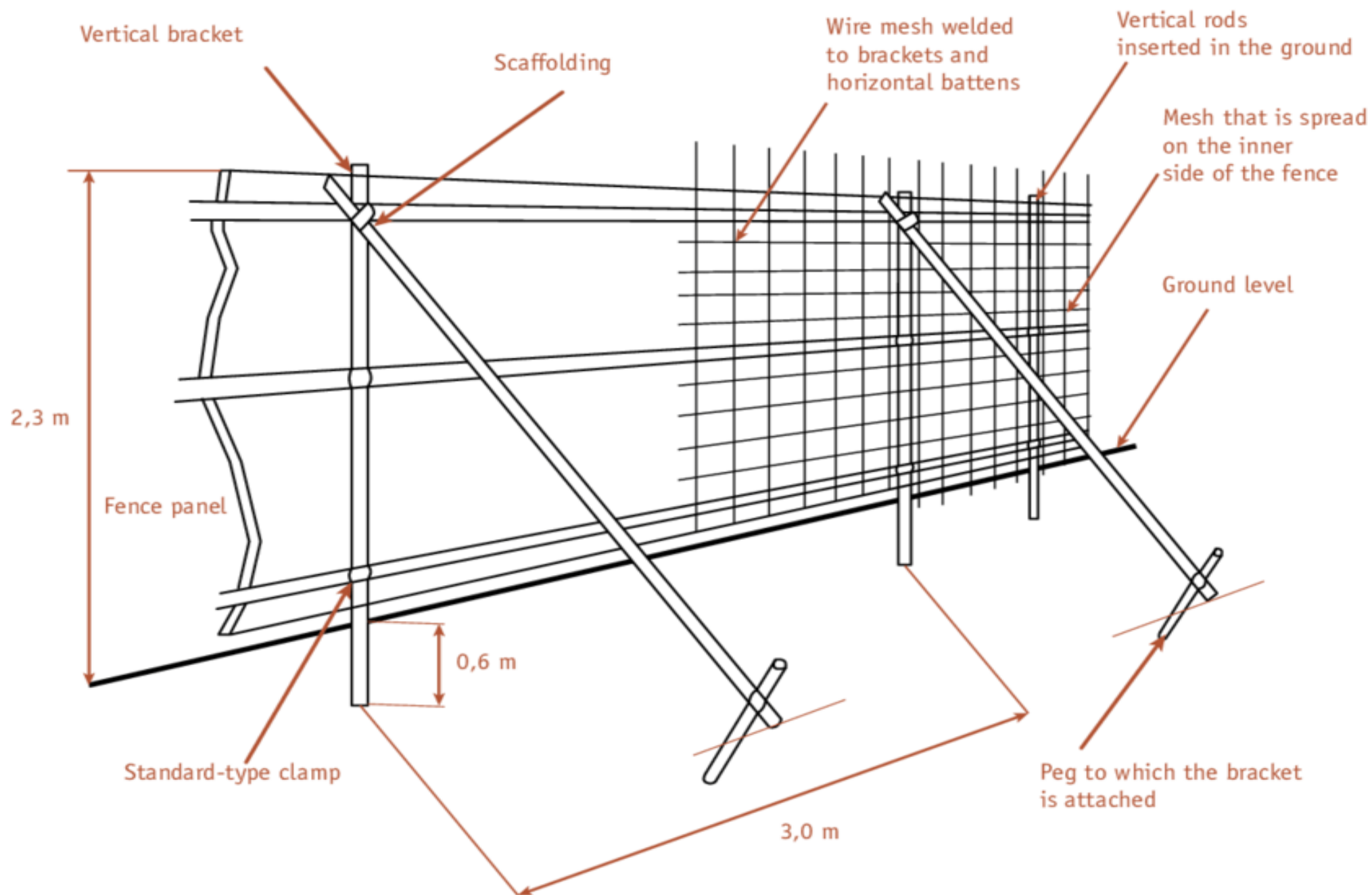
12 Appendices

Tree Constraints' Plan

Protective fencing detail

Signed  MMA Tree Consultancy

BS 5837—2012—Protective Fencing Specification





11/09/2023 14:28



11/09/2023 14:28