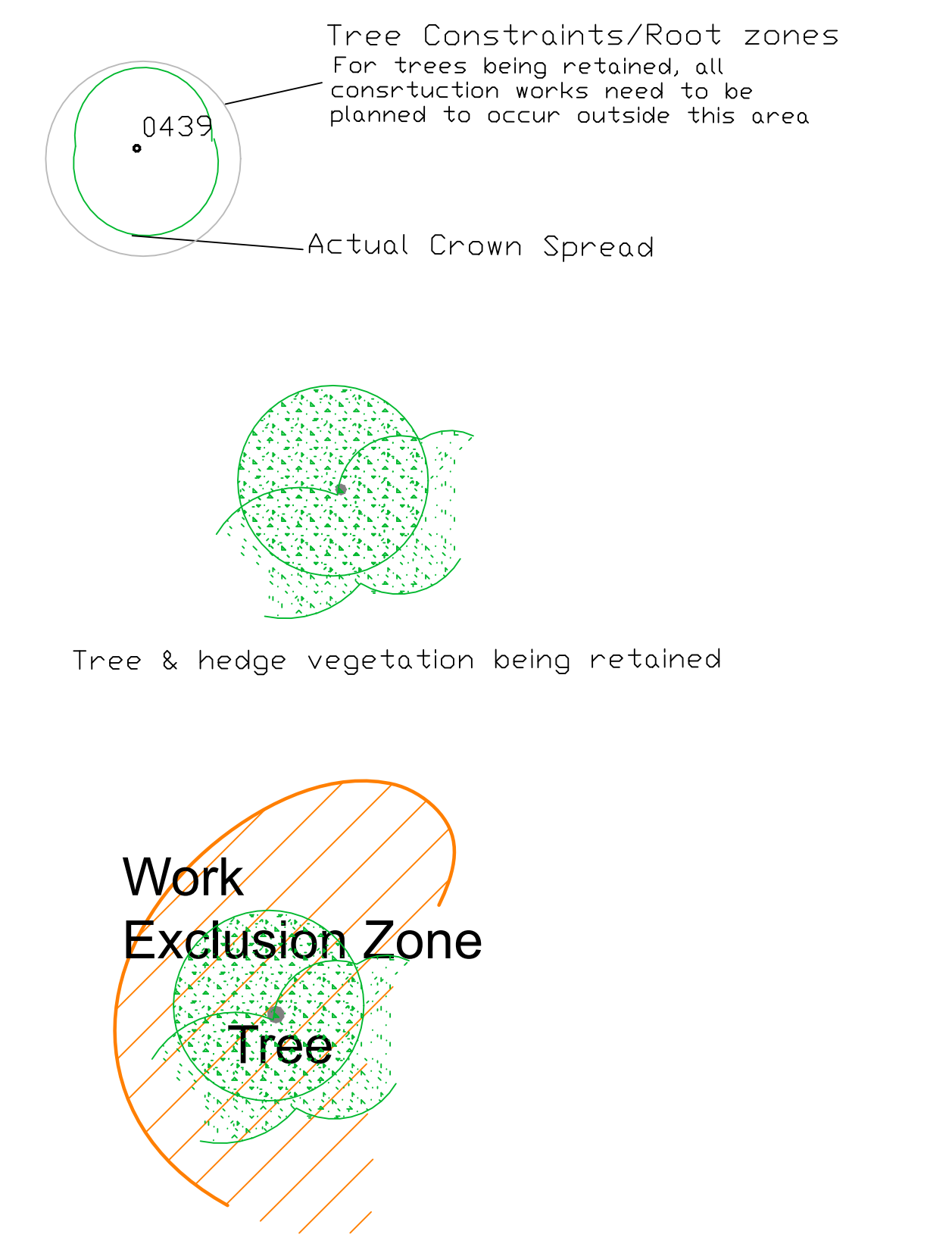
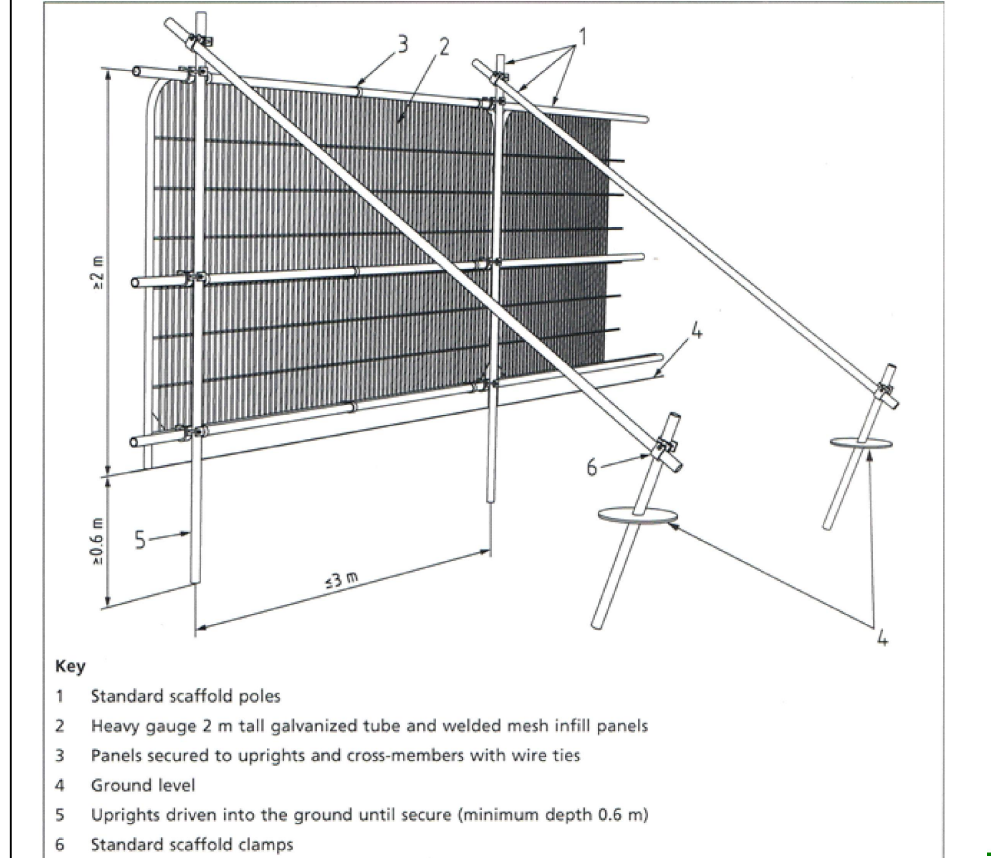


Notes:



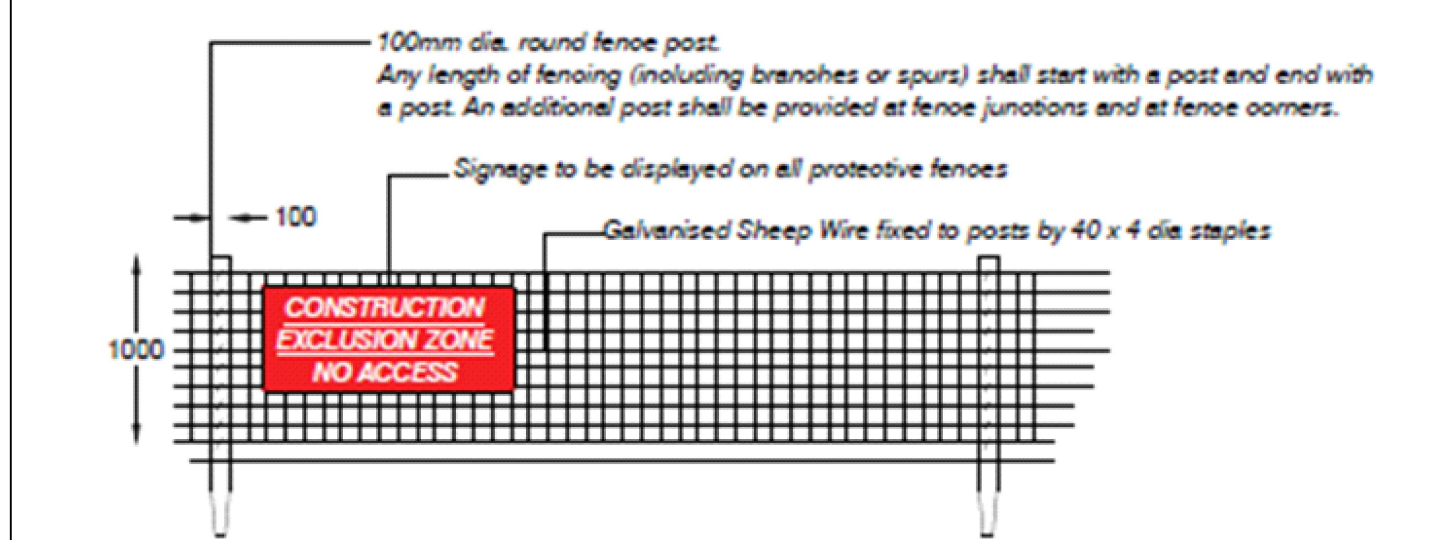
Type 1 Protective fence detail as per BS5837 2012



Detail of singage



Type 2 Protective fence for area with low concentration of works.



The tree protection fencing is to be erected enclosing the root protection areas around the trees being retained as shown on this drawing and appendix 1. In some areas, the site hoarding may be sufficient to act as the protective fencing if the tree and its root zone are positioned outside and no works are envisaged within the area outside the site hoarding. This will need to be discussed and agreed at the initial site meeting.

Where free protection fencing is needed, this will need to be 2.3m high and constructed in accordance with figure 2 of BS 5837 2012 (see detail on drawing & appendix 1) using vertical and horizontal scaffold bars or similar well braced together with the verticals spaced out at a maximum of 3m centres. Onto this, well mesh panels (harris fence panels) are to be securely fixed with wire or scaffold clamps.

Signs are to be attached to these fences warning people that this is a protective area and that the fencing must be maintained in good condition in accordance with the approved plans and drawings for this development.

Once the protective fence line is erected, then the main construction works can commence on site.

Schedule of events

Works	Schedule
Site Meeting	Prior to any works commencing.
Tree Works - Felling & Pruning	Prior to any construction works commencing.
Tree Protection	After tree removal and pruning is complete and prior to any construction works commencing. The erection and removal of the protective fencing is to be scheduled in accordance with the phasing of the construction works.
Site Monitoring	Ongoing throughout the construction works.
Removal of Tree P protection	Once all the main construction works are completed and in order to incorporate the area into the finished development.
Tree Review and Certification	Once all works are complete.

- The following is a list of activities that are not allowed within the RPA or within the vicinity of the trees being retained.
- Protect tree root systems from damage caused by runoff or spillage of excess materials while mixing, placing, or sloping construction materials.
 - Protect root systems from ponding, roading, or excessive wetting caused during construction operations.
 - Do not store construction materials, debris, or excavated material inside tree protection areas. When excavating, place excavated soil on opposite side of trench away from the trees.
 - Do not permit vehicles or foot traffic within tree protection zones, prevent soil compaction over root systems.
 - Do not allow fires under or adjacent to remaining trees or other plants.
 - Do not attach notice boards, cables or other services to any part of the tree.
 - Do not use neighbouring trees as anchor points.
 - Do not use high machinery such as tele-porters, cranes or other equipment close to trees to avoid damage to the crown or any other parts.
- During the construction works the following is required:
- The main contractor or site manager is to brief all people working on site on the tree protection measures and the procedure if works need to be carried out within these areas.
 - Storage of Material, Work Yards and staff car parking, are to be identified on the main drawings prior to the construction works starting. These need to be positioned outside the root protection areas around the trees being retained. The main contractor or site manager is to check the tree protective fencing daily and carry out any repairs required to ensure its stay upright and secure.
 - The main contractor or site manager is to base with the project/contractor direct access area to be carried out close to or within the root protection areas around the trees.
 - Any works to occur within the protection areas such as landscaping is to be carried out manually with machinery allowed. All soil and hard landscaping within the Root Protection Area (RPA) of the trees to be retained are to be covered out manually and the soil levels are to be lowered or raised resulting in no damage to the trees. Recommendations of sections 9 of BS5837 2012 are to be followed during the landscaping within the RPA of the trees being retained.
 - The protective fencing around the trees is to stay in position until the construction works are complete and are only to be removed following discussions and agreement with the project architect.

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TITLE: Tree Protection Plan

Site: Lands at Boherboy, Saggart, Co. Dublin.

DATE: Dwg No.BS5003 Part 1 **Scale:** 1:500@A0