

Notes:

BS5837: 2012 – Category Retention Rating

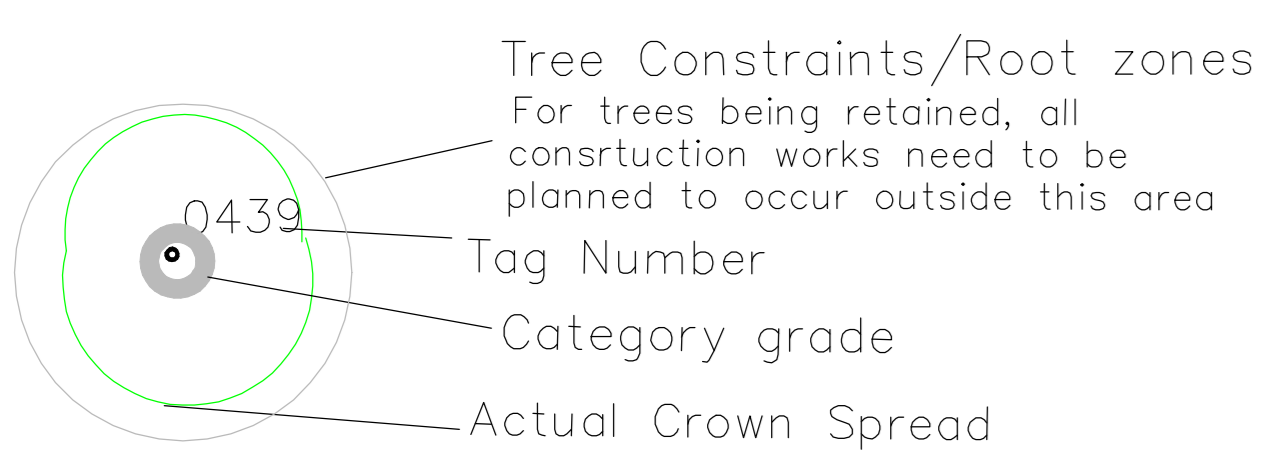
Category U Trees – Trees in such a condition that any existing value would be lost within 10 years or being recommended for removal sound arboricultural practice.

Category A Trees – Trees of high quality/value with a min. of 40 years life expectancy.

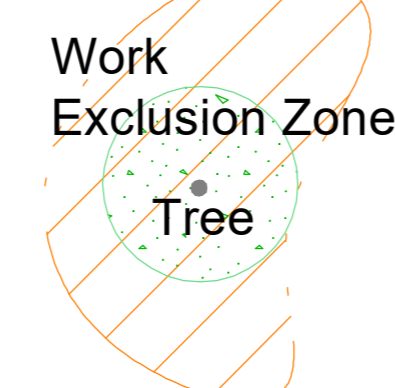
Category B Trees – Trees of moderate quality/value with a min. of 20 years life expectancy.

Category C Trees – Trees of low quality/value with a min. of 10 years life expectancy.

Sub Categories
 1 – Mainly Arboricultural values
 2 – Mainly Landscape values
 3 – Mainly cultural and conservation values.

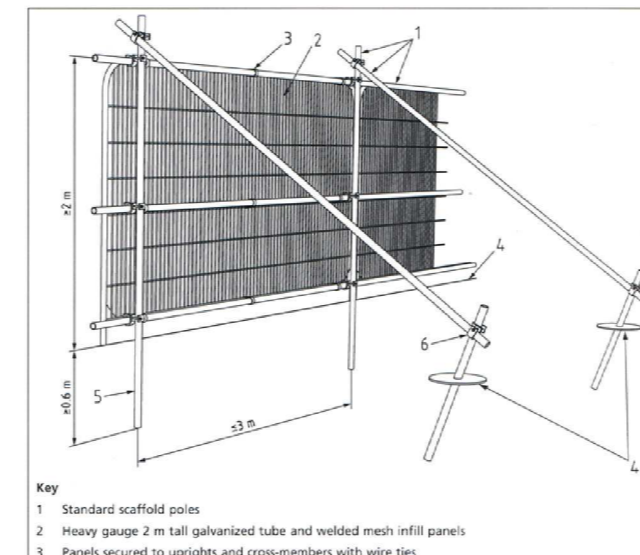


Tree Protection Detail



Protective fence line to protect work exclusion zone around trees being retained.

Protective fence detail as per BS 5837: 2012.



Tree Protection Fence type 1



Tree Protection Fence type 2



Detail of signage

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 tree 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, weld 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.

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 work drawings prior to the construction 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 it stays upright and secure.
- The main contractor or site manager is to liaise with the project Arboriculturist if and when works are 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 no machinery allowed. All soil and hard landscaping within the Root Protection Area (RPA) of the trees to be retained are to be carried out manually and the soil levels are not to be lowered or raised resulting in root damage to the trees. Recommendations of sections 8 of BS5837:2012 are to be adhered to during the landscaping within the RPA's of the trees being retained.
- The protective fencing around the trees is to stay in position until all the construction works are complete and are only to be removed following discussions and agreement with the project arborist.

ARBORIST ASSOCIATES LTD.
 94 BALLYBAWN COTTAGES, ENNISKERRY, CO. WICKLOW
 TEL: 01-2742111 / 087-2629589

TITLE: Tree Protection Plan

Ballyoulster SHD (Phase 1),
 Site: Ballyoulster, Celbridge, Co. Kildare

DATE: Dwg No: BCC002 Part 2 Scale 1:500 © AO