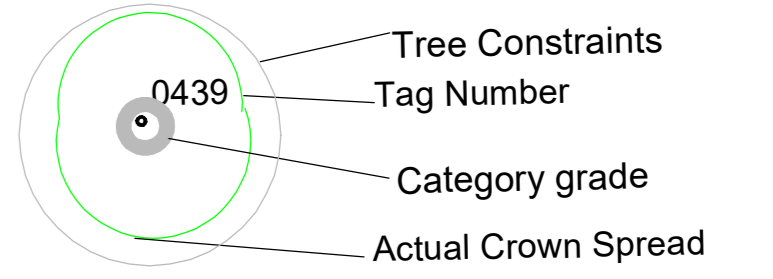
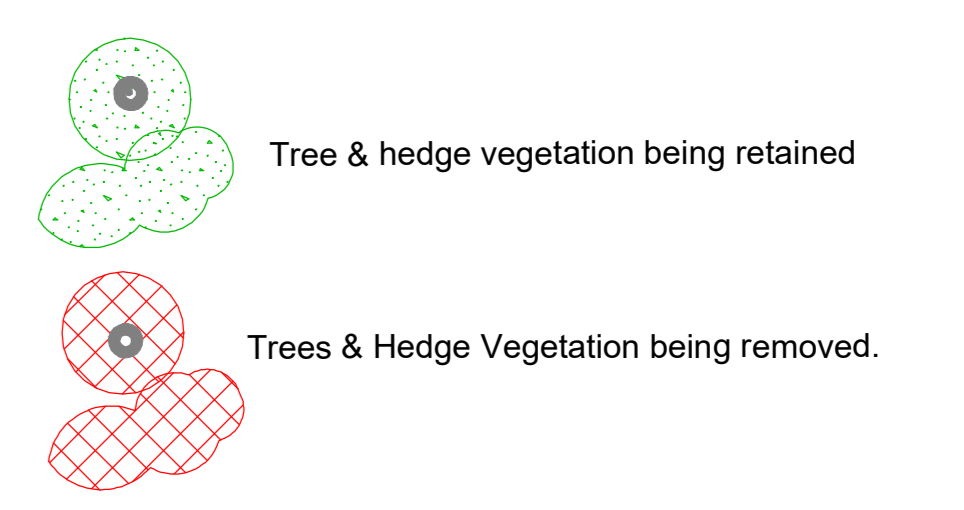


# Notes:

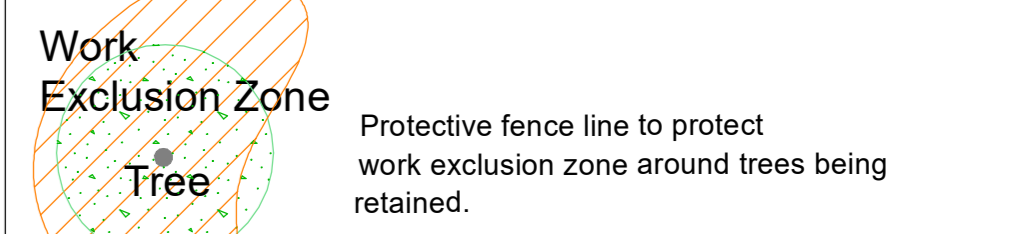


## BS5837: 2012 - Category Retention Rating

- 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 value
  - 3- Mainly cultural and conservation values.



## Tree Protection Detail



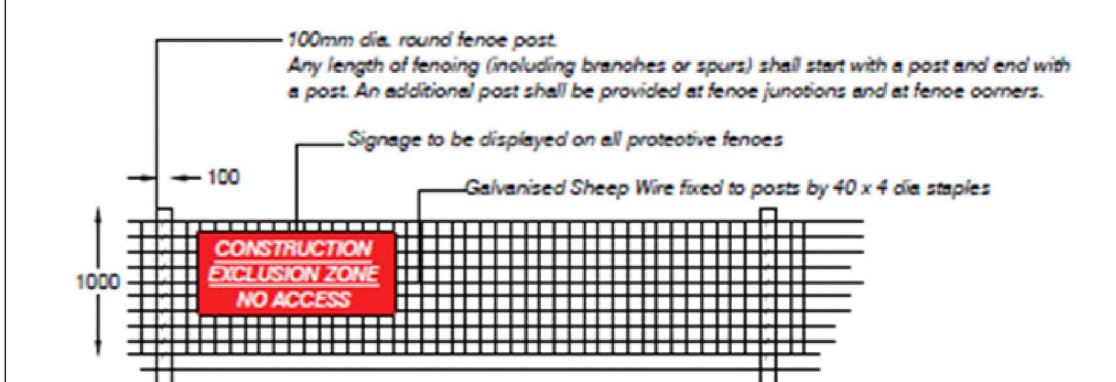
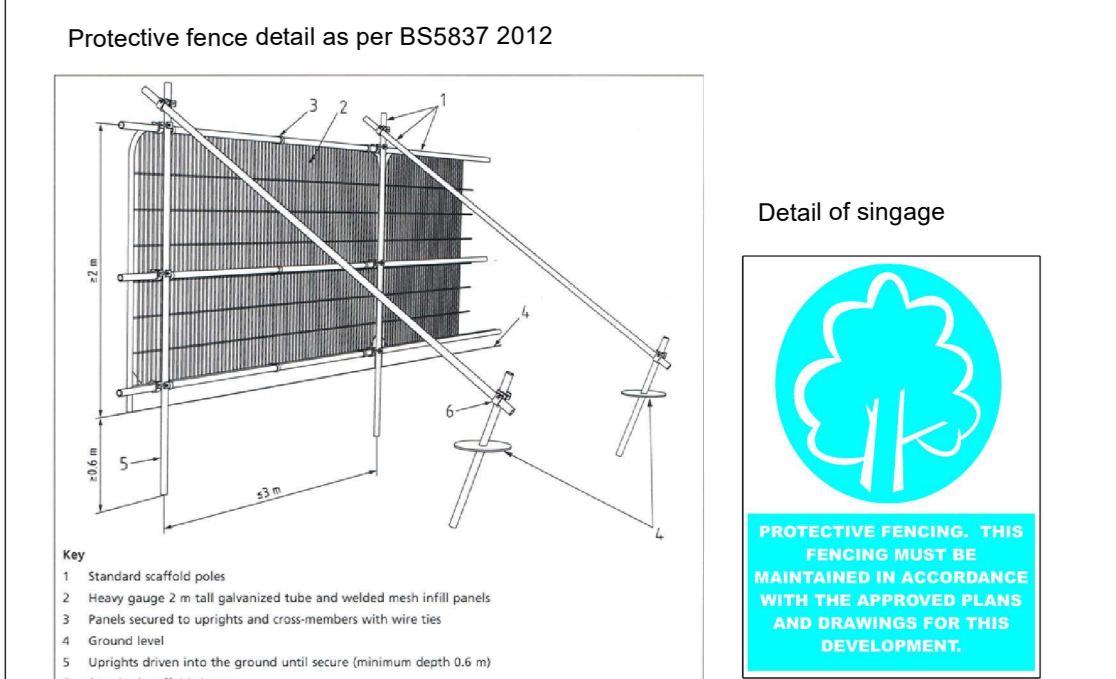
The tree protection fencing is to be erected enclosing the root protection areas around the trees being retained as shown on this drawing and appendix 1. In some areas, the site hoarding may be sufficient to act as the protective fencing if the tree and its root zone are positioned outside and no works 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. On to 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.

Protective fence detail as per BS5837 2012



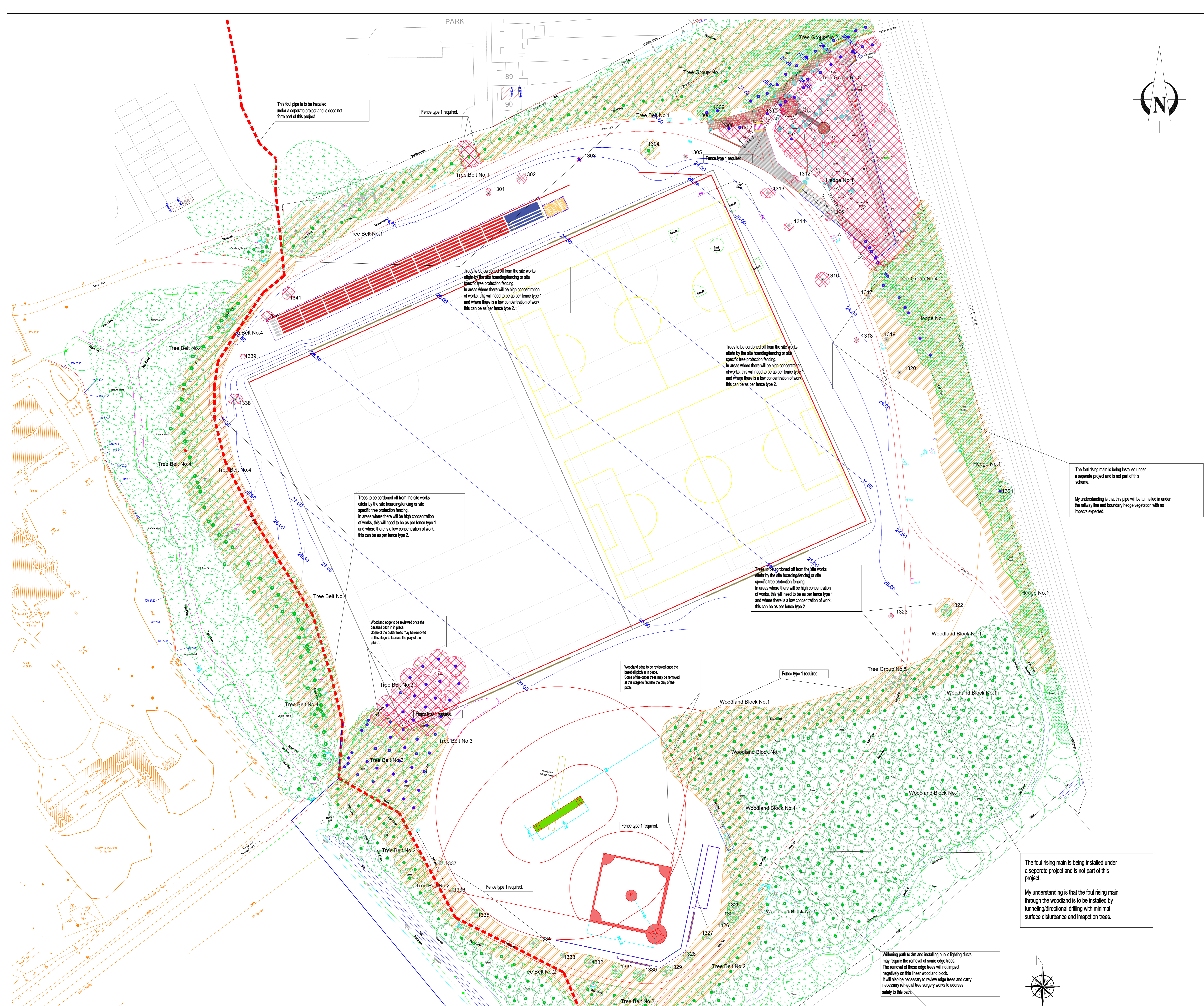
- During the construction works the following is required:
- The main contractor or site manager is to brief all people working on site on the tree protection measures and the procedure if works need to be carried out within these areas.
  - Storage of Material, Work Yards and staff car parking- are to be identified on the work drawings prior to the construction works starting. These need to be positioned outside the Root Protection Area (RPA) of the trees to be 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 straight 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 soft 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 6 of BS5837 2012 are to be adhered to during the landscaping within the RPA 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: 01-2742011 / 087-2629589

**TITLE:** Tree Protection Plan

**Site:** Shanganagh Park Sports Facilities, Shanganagh, Dublin 18.

**DATE:** Dwg No. SCSF002 Scale 1:500 © A0



This foul pipe is to be installed under a separate project and is does not form part of this project.

Fence type 1 required.

Trees to be cordoned off from the site works either by the site hoarding/fencing or site specific tree protection fencing. In areas where there will be high concentration of works, this will need to be as per fence type 1 and where there is a low concentration of work, this can be as per fence type 2.

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Woodland edge to be reviewed once the baseball pitch is in place. Some of the outer trees may be removed at the edge to facilitate the play of the pitch.

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The foul rising main is being installed under a separate project and is not part of this project.

My understanding is that the foul rising main through the woodland is to be installed by tunnelling/directional drilling with minimal surface disturbance and impact on trees.

Widening path to 3m and installing public lighting ducts may require the removal of some edge trees. The removal of these edge trees will not impact negatively on this linear woodland block. It will also be necessary to review edge trees and carry necessary remedial tree surgery works to address safety to this path.

