


Tree Constraints/Root zones
 For trees being retained, all construction works need to be planned to occur outside this area


0439

Tag Number

Category grade

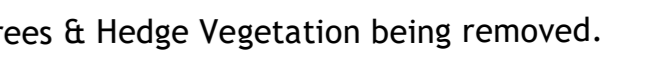
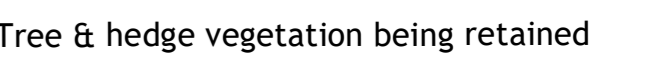
Actual Crown Spread

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

Sub Categories

- 1- Mainly Arboricultural values
- 2 - Mainly Landscape values
- 3 - Mainly cultural and conservation



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 retention	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 diagram shows a tree at the center, labeled "Tree". A green dashed circle around it is labeled "Work Exclusion Zone". An orange dashed oval surrounding the green circle is labeled "Protective fence line to protect work exclusion zone around trees being retained."



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.

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

TEL: 01-2742011 / 087-2629589

Site : Great Connell SHD, Newbridge,
Co. Kildare

DATE:	Dwg No.GNB002 Part 3	Scale 1:500 @ A0
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- o Protect tree root systems from damage caused by runoff or spillage of noxious materials while mixing, placing, or storing construction materials.
- o Protect root systems from ponding, eroding, or excessive weight caused during construction operations.
- o Do not store construction materials, debris, or excavated material inside tree protection zones.
- o Do not excavate, pile, or store materials, debris, or excavated soil on opposite side of trench away from the tree.
- o Do not permit vehicles or foot traffic within tree protection zones; prevent soil compaction over root systems.
- o Do not allow fires on or adjacent to remaining trees or other plants.
- o Do not attach noise boards, cables or other services to any part of the tree.
- o Do not use nails, spikes, or other fasteners to attach anchor points.
- o 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.

1. The main contractor or site manager is to brief all parties working on site on the tree protection measures and the procedure if works need to be carried out near trees.
2. The main contractor or site manager is to ensure that the following measures are in place:
 - a. Storage of Material, Work Yards and staff car parking are to be identified on the work drawings prior to the construction works starting. These are to be located away from the trees and the tree protection measures.
 - b. The main contractor or site manager is to check the tree protective fencing and ensure that the gates are closed and locked at the end of each day.
 - c. The main contractor or site manager is to ensure the site stayputting and secure.
3. The main contractor or site manager is to have the project Arboriculturalist carry out a survey of the trees and the site to identify the following areas around the trees:
 - a. Areas to be secured with the protection areas such as landscaping to be carried out manually with no machinery allowed. All soil and hard landscaping within the Root Protection Area (RPA) of the trees is to be retained and not used for material storage.
 - b. Areas to be secured with the protection areas such as landscaping to be carried out manually in root damage to the trees. Recommendations of sections 8 and 9 of BS5837: 2012 are to be followed in the landscaping within the RPA.
 - c. Areas to be secured with the protection areas such as landscaping to be carried out manually in root damage to the trees. Recommendations of sections 8 and 9 of BS5837: 2012 are to be followed in the landscaping within the RPA.
4. The protective fencing around the trees is to be in position until all works on the site are completed and the site is returned following discussions and agreement with the project Arborist.