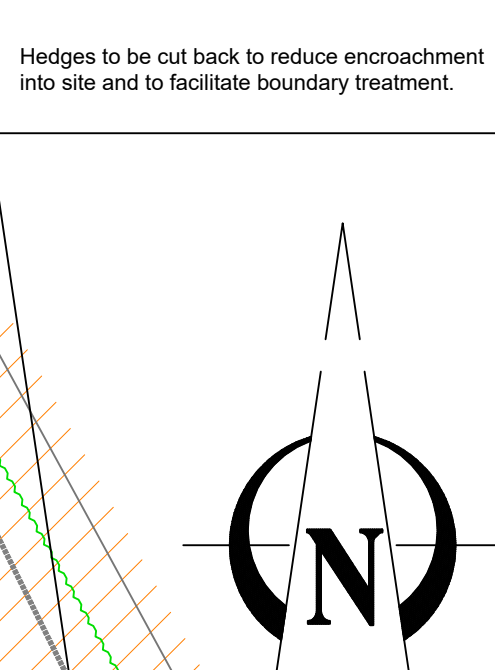
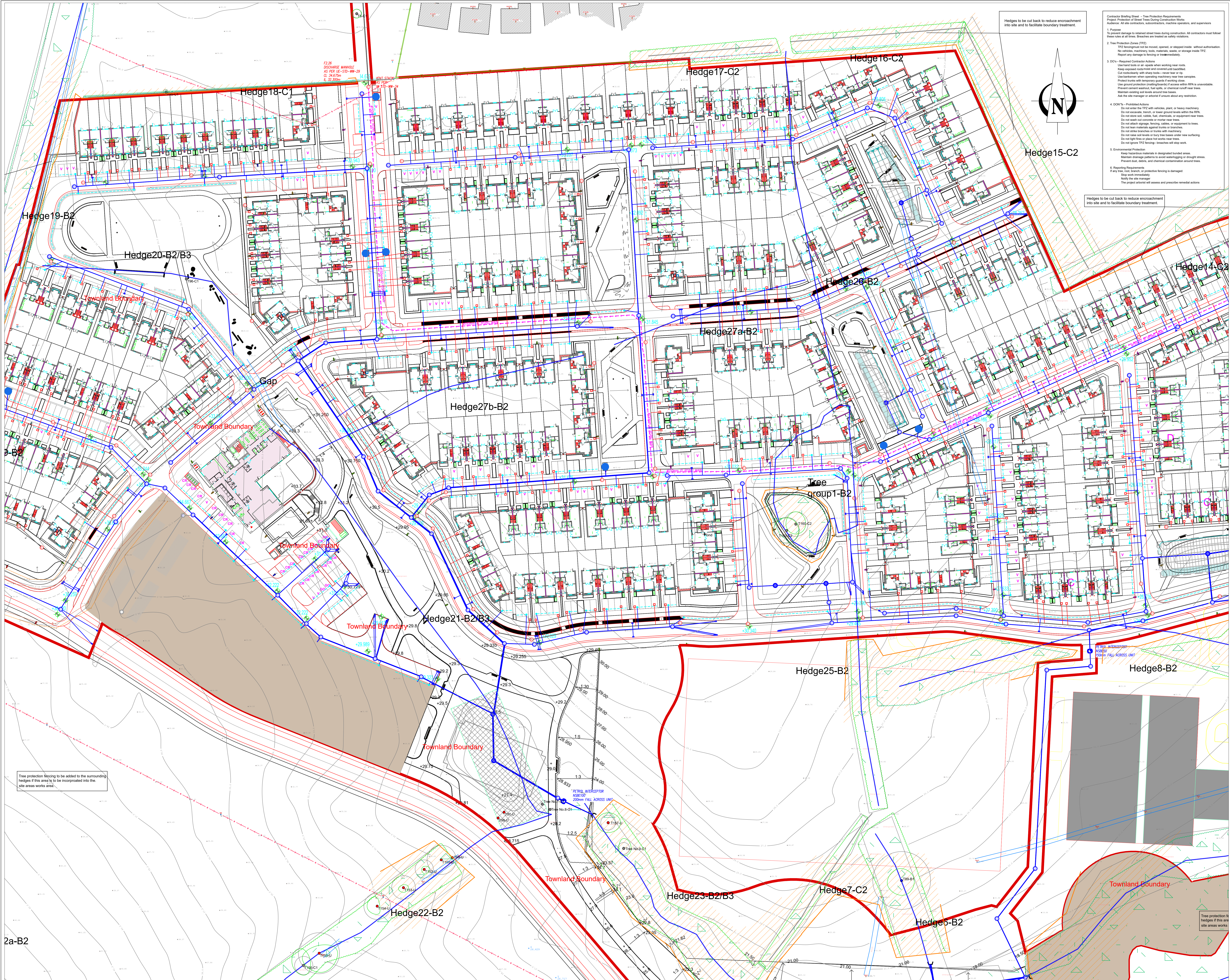
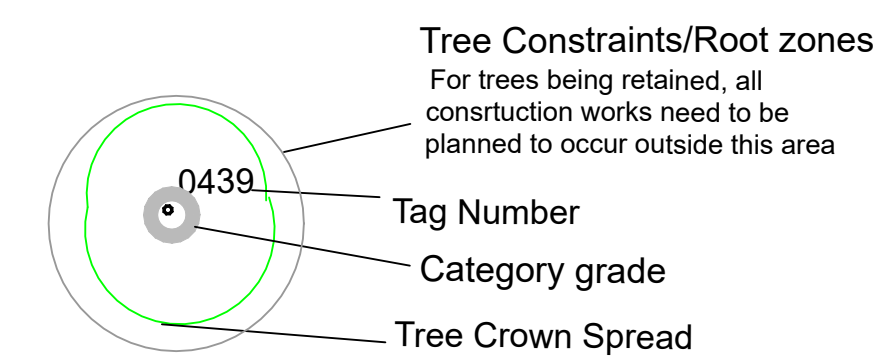




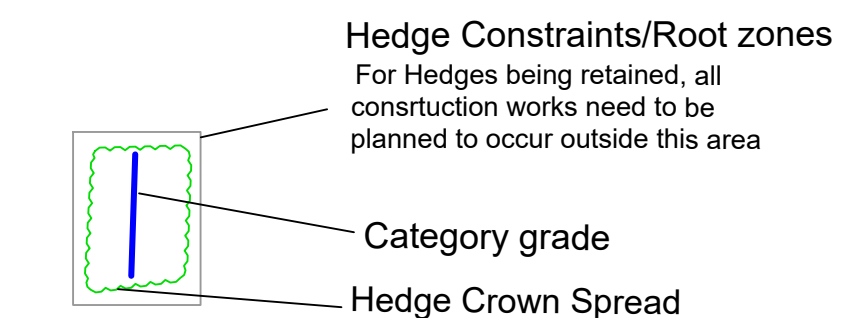
- Hedges to be cut back to reduce encroachment into site and to facilitate boundary treatment.
- Contractor Briefing Sheet - Tree Protection Requirements
- Project: [Project Name], Date: [Date], Drawing: [Drawing Number]
1. Purpose
- To ensure that all trees and hedges are protected during construction. All contractors must follow these rules at all times. Breaches are treated as safety violations.
2. The Protection Zones (TPZ)
- TPZs are to be established for all trees and hedges to be retained. The TPZ is the area around the tree or hedge where no excavation, piling, or other construction activities are allowed. The TPZ is to be marked out with orange tape and signs. The TPZ is to be maintained throughout the construction period. Any damage to the TPZ is to be reported immediately to the Arborist.
3. DO's - Required Contractor Actions
- Use hand tools or air tools when working near roots. Keep exposed roots and crown and avoid soil compaction. Cut roots with sharp tools - never use a saw. Use barriers when operating machinery near tree canopies. Protect roots with temporary barriers and warning signs. Use ground protection (matting/borders) if access within the TPZ is unavoidable. Prevent ground compaction, fuel spills, or chemical spills near trees. Maintain existing soil levels around tree bases. Add the site manager or arborist if unsure about any restriction.
4. DON'Ts - Prohibited Actions
- Do not enter the TPZ with vehicles, plant, or heavy machinery. Do not excavate, trench, or lower ground levels within the TPZ. Do not store soil, rubble, fuel, chemicals, or equipment near trees. Do not leave soil compacted or create new tracks. Do not attach signage, fencing, cables, or equipment to trees. Do not use chainsaws or other tools to cut or remove trees. Do not create drainage or water runs with machinery. Do not use soil levels or bury tree bases under new surfacing. Do not dig holes or place materials near roots. Do not ignore TPZ fencing - breaches will stop work.
5. Environmental Protection
- Keep hazardous materials in designated bunded areas. Maintain drainage patterns to avoid waterlogging or drought areas. Prevent dust, noise, and chemical contamination around trees.
6. Reporting Requirements
- If any tree, root, branch, or protective fencing is damaged, stop work immediately. Notify the site manager. The arborist will assess and prescribe remedial actions.
- Hedges to be cut back to reduce encroachment into site and to facilitate boundary treatment.

Notes:

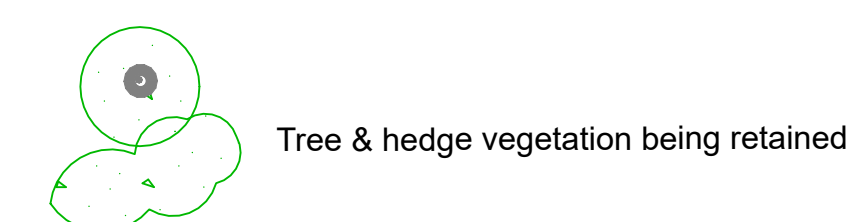


BS5837: 2012 - Category Retention Rating

- 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.



- Category U Hedge
- Category A Hedge
- Category B Hedge
- Category C Hedge



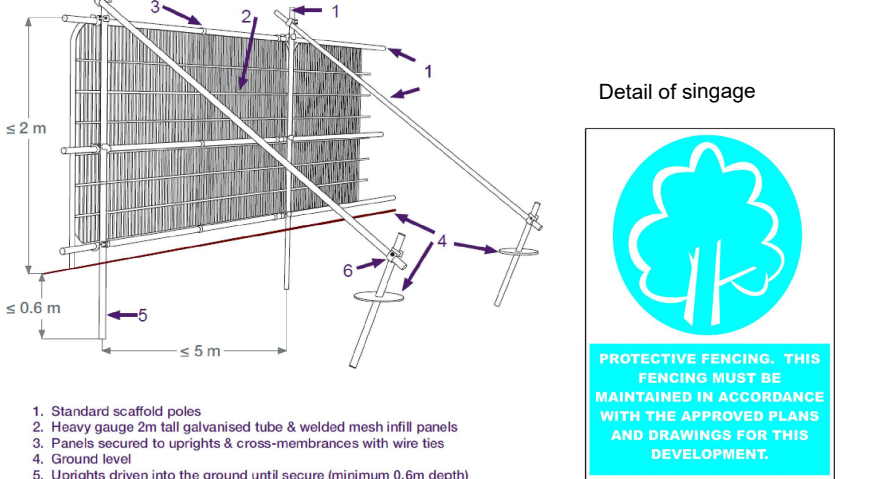
Schedule of events

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 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.

Tree Protection Detail



Protective fence detail as per BS 5837:2012.



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 boarding 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 boarding. 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.

ARBORIST ASSOCIATES LTD.
94 BALLYBAWN COTTAGES, ENNISKERRY, CO. WICKLOW
TEL: 01-2742011 / 087-2629589

TITLE: Tree Retention & Protection Plan

Site: Tinahask, Arklow, Co. Wicklow.

DATE: Dwg No.MLA003 Part 3 Scale 1:500 @ A0