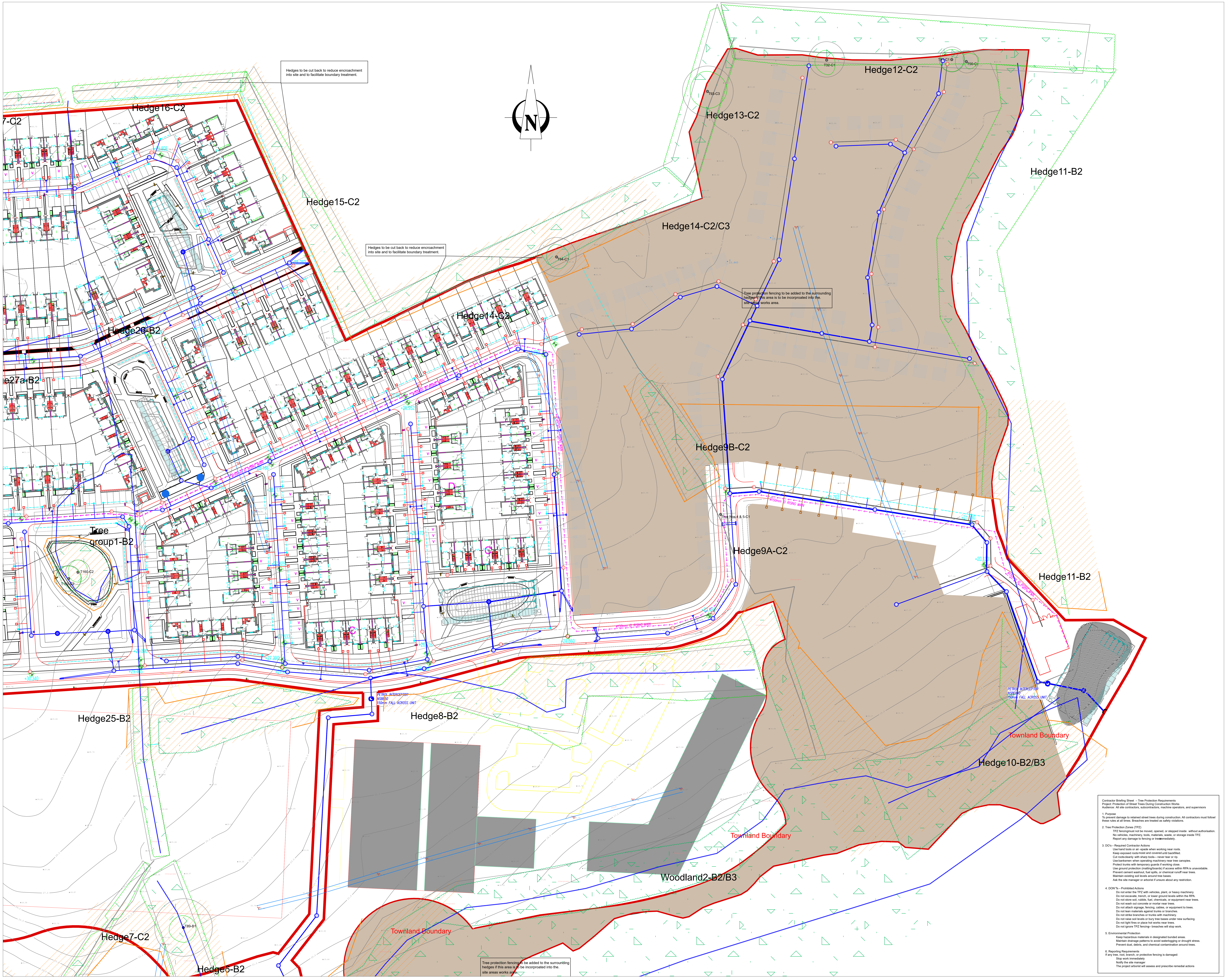

Hedges to be cut back to reduce encroachment into site and to facilitate boundary treatment.

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Tree protection fencing to be added to the surrounding hedges if this area is to be incorproated into the. site areas works area.

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Contractor Briefing Sheet – Tree Protection Requirements
Project: Protection of Street Trees During Construction Works
Audience: All site contractors, subcontractors, machine operators, and supervisors

1. Purpose
To prevent damage to retained street trees during construction. All contractors must followl these rules at all times. Breaches are treated as safety violations.

2. Tree Protection Zones (TPZ)
    TPZ fencingmust not be moved, opened, or stepped inside without authorisation.
    No vehicles, machinery, tools, materials, waste, or storage inside TPZ.
    Report any damage to fencing or trees immediately.

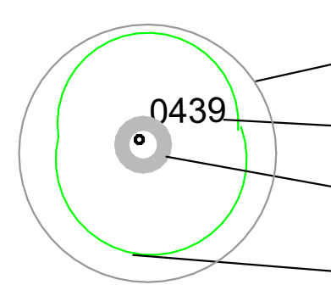
3. DO's – Required Contractor Actions
    Use hand tools or air -spade when working near roots.
    Keep exposed roots moist and covered until backfilled.
    Cut roots cleanly with sharp tools — never tear or rip.
    Use banksmen when operating machinery near tree canopies.
    Protect trunks with temporary guards if working close.
    Use ground protection (matting/boards) if access within RPA is unavoidable.
    Prevent cement washout, fuel spills, or chemical runoff near trees.
    Maintain existing soil levels around tree bases.
    Ask 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 RPA.
    Do not store soil, rubble, fuel, chemicals, or equipment near trees.
    Do not wash out concrete or mortar near trees.
    Do not attach signage, fencing, cables, or equipment to trees.
    Do not lean materials against trunks or branches.
    Do not strike branches or trunks with machinery.
    Do not raise soil levels or bury tree bases under new surfacing.
    Do not light fires or place hot works near trees.
    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 stress.
    Prevent dust, debris, 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 project arborist will assess and prescribe remedial actions

Notes:



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

Tag Number

Category grade

Tree Crown Spread

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 valus
3 - Mainly cultural and conservation values.

Hedge Constraints/Root zones
For Hedges being retained, all consrtuction works need to be planned to occur outside this area

Category grade

Hedge Crown Spread

▨ Category U Hedge

▨ Category A Hedge

▨ Category B Hedge

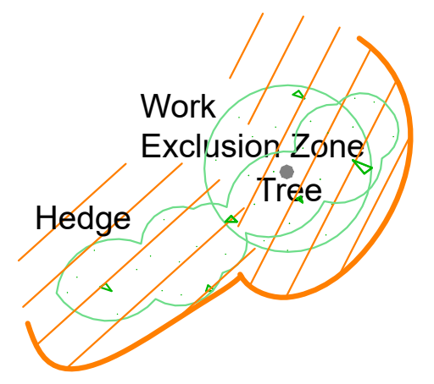
▨ Category C Hedge

● Tree & hedge vegetation being retained

Schedule of events

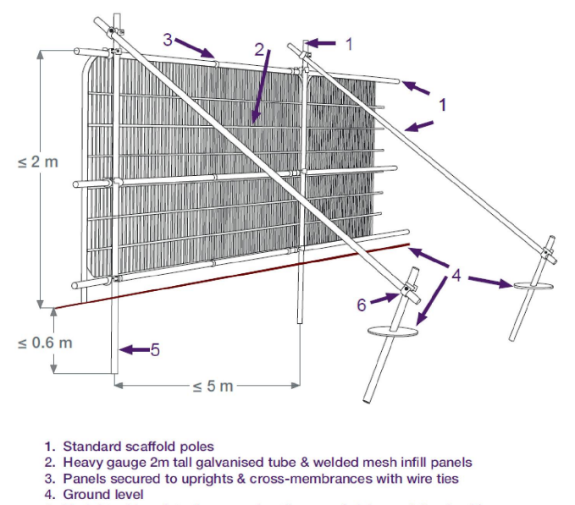
Works	Schedule
Site Meeting	Prior to any works commencing.
Tree Works – Felling & Pruning	Prior to any construction works commencing.
Tree Protection	After tree removal and pruning is complete and prior to any construction works commencing. The erection and removal of the protective fencing is to be scheduled in accordance with the phasing of the construction works.
Site Monitoring	Ongoing throughout the construction works.
Removal of Tree P rotection	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 line to protect work exclusion zone around trees and hedges being retained

Protective fence detail as per BS 5837 2012.



1. Standard scaffold poles
2. Heavy gauge 2m tall galvanised tube & welded mesh infill panels
3. Panels secured to uprights & cross-membrances with wire ties
4. Ground level
5. Uprights driven into the ground until secure (minimum 0.6m depth)
6. Standard scaffold clamps

Detail of singage

PROTECTIVE FENCING. THIS FENCING MUST BE MAINTAINED IN ACCORDANCE WITH THE APPROVED PLANS AND DRAWINGS FOR THIS DEVELOPMENT.

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 fecne 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 2
Scale 1:500 @ A0