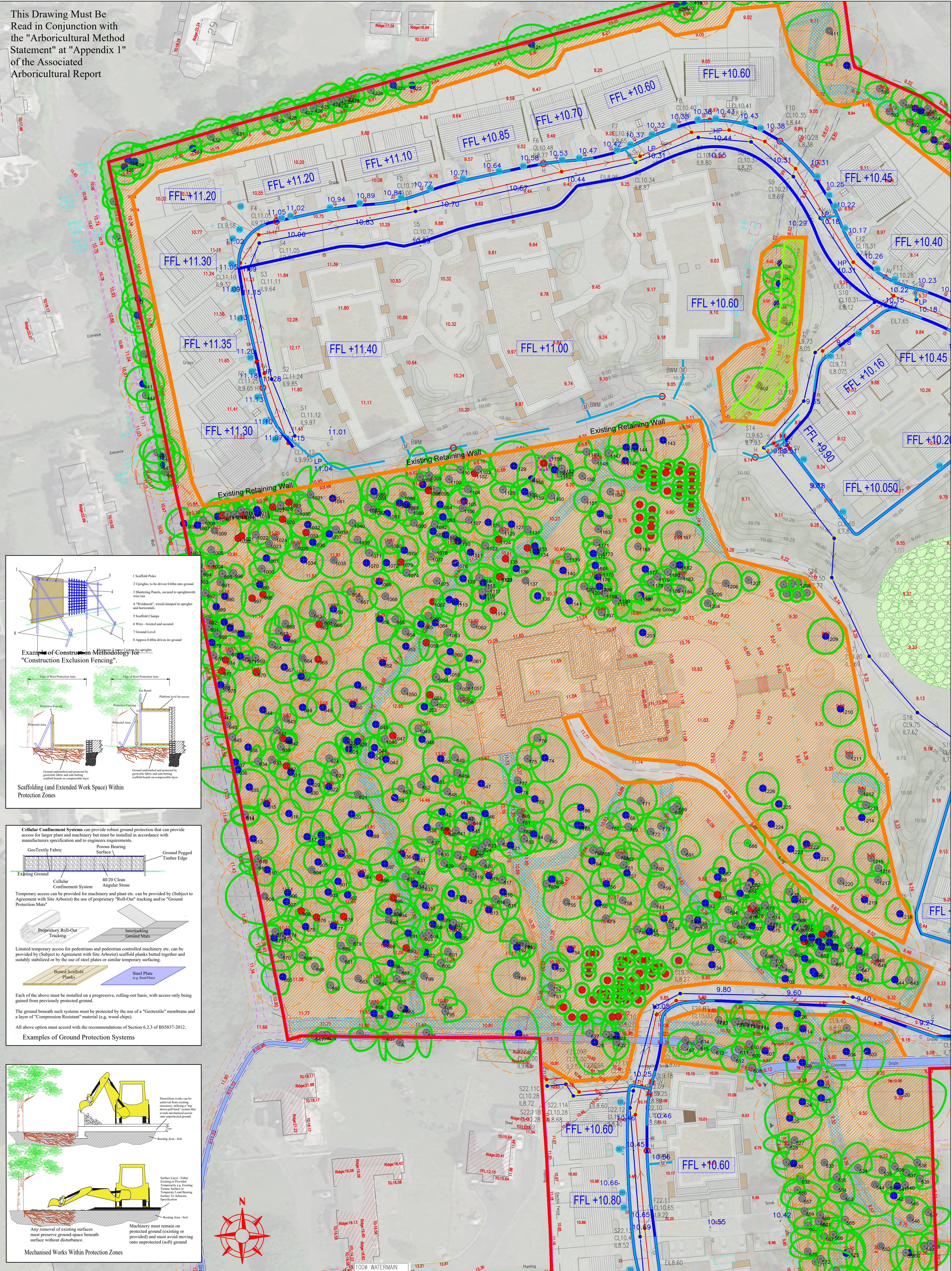


This Drawing Must Be Read in Conjunction with the "Arboricultural Method Statement" at "Appendix 1" of the Associated Arboricultural Report



Example of Construction Methodology for "Construction Exclusion Fencing".

1 Scaffold Poles
2 Uprights, to be driven 0.6m into ground
3 Shuttering Panels, secured to uprights with wire ties
4 "Windbreaks", wired/clamped to uprights and windbreaks
5 Scaffold Clamps
6 Wire - twisted and secured
7 Ground Level
8 Approx 0.6m driven into the ground

Scaffolding (and Extended Work Space) Within Protection Zones

Cellular Confinement Systems can provide robust ground protection that can provide access for larger plant and machinery but must be installed in accordance with manufacturers specification and to engineers requirements.

Geotextile Fabric
40/20 Clean Angular Stone
Cellular Confinement System
Ground Pegged Timber Edge

Temporary access can be provided for machinery and plant etc. can be provided by (Subject to Agreement with Site Arborist) the use of proprietary "Roll-Out" tracking and/or "Ground Protection Mats"

Proprietary Roll-Out Tracking
Interlocking Ground Mats

Limited temporary access for pedestrians and pedestrian controlled machinery etc. can be provided by (Subject to Agreement with Site Arborist) scaffold planks butted together and suitably stabilized or by the use of steel plates or similar temporary surfacing.

Butted Scaffold Planks
Steel Plate (e.g. Road Plate)

Each of the above must be installed on a progressive, rolling-out basis, with access only being gained from previously protected ground.

The ground beneath such systems must be protected by the use of a "Geotextile" membrane and a layer of "Compression Resistant" material (e.g. wood chips).

All above option must accord with the recommendations of Section 6.2.3 of BS5837:2012.

Examples of Ground Protection Systems

Denudation works can be achieved from existing structures, utilizing a "top down" method, ensuring that any mechanical access onto adjacent ground is avoided.

Surface Layer - Either Existing or Provided Temporarily (e.g. Existing Tarmac Surface or Temporary Load Bearing Surface To Adhere Specification)

Any removal of existing surfaces must preserve ground-space beneath surface without disturbance.

Machinery must remain on protected ground (existing or provided) and must avoid moving onto unprotected (soft) ground

Mechanised Works Within Protection Zones

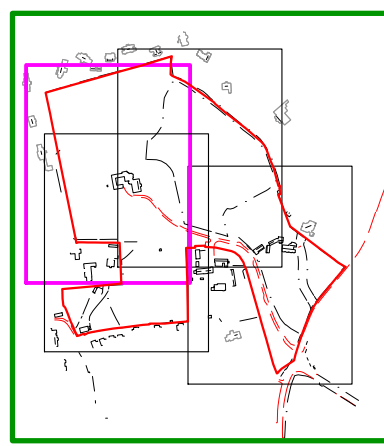
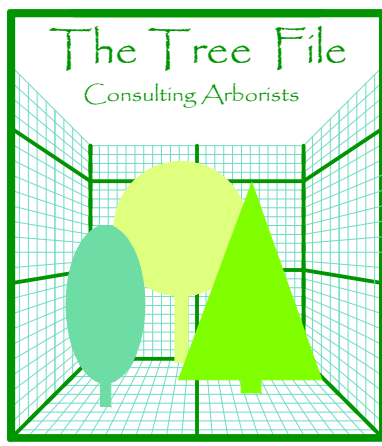
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Auburn Tree Protection Plan North West 1/1 _ Scale 1:500 @ A1

This is a colour coded drawing that will be difficult or impossible to interpret if reproduced in black and white

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- Location Of Primary Construction Exclusion Fencing
- Area Of Primary Construction Exclusion Fencing
- Location of known works within "Construction Exclusion Zone", to be undertaken using low-impact methodologies and under the guidance of the Project Arborist

- Tree Line
- Hedges
- Scrub and Thicket

- Category "A" Trees (Green Button)
- Category "B" Trees (Blue Button)
- Category "C" Trees (Gray Button)
- Category "U" Trees (Red Button)

Graphic Representation of Tree and Protection Zone

Canopy Extent
Cardinal Radii
Category Code
Stem Circumference

Canopy is drawn to account for any natural asymmetry or imbalance. Crown Representation is scaled to account for north, east, west and south radii.

Root Protection Area (RPA)
This area relates the "RPA" radius as defined in the Tree Survey Table and is measured from the tree centre. This area defines the preliminary Construction Exclusion Zone (CEZ) that must be protected by fencing from the potentially damaging effects of construction activity.

Client: Kinwest Limited
Scale: 1:500 Date: March 2022
Project: Tree Survey, Auburn, Malahide, Co Dublin.
Description: Tree Protection Plan
Drawing Title: Auburn Tree Protection Plan North-West