

**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.

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".

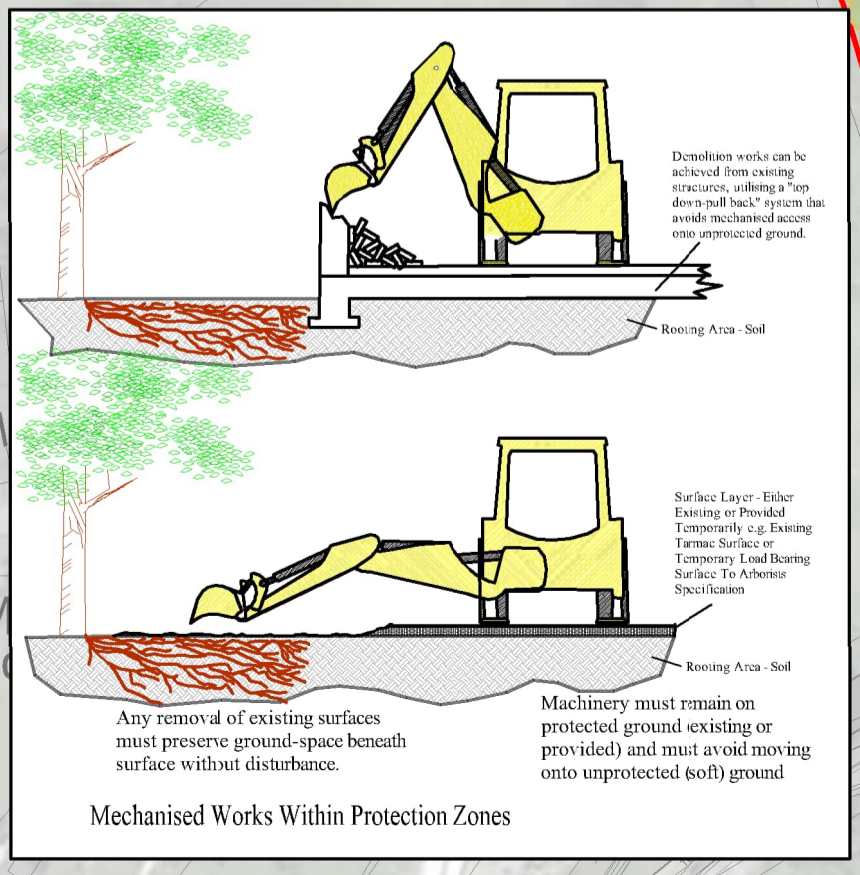
Limited temporary access for pedestrians and pedestrian controlled machinery etc. can be provided by (Subject to Agreement with Site Arborist) scaffold planks butted together and suitably stabilized or by the use of steel plates or similar temporary surfacing.

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 options must accord with the recommendations of Section 6.2.3 of BS5837:2012.

**Examples of Ground Protection Systems**



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**Graphic Representation of Tree Form, Balance and Protection Zone**

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 affects of construction activity.

**Tree Quality (Categorisation)**

- Category "A" Trees (Green Bottom) Excellent Quality Trees
- Category "B" Trees (Blue Bottom) Good Quality Trees
- Category "C" Trees (Grey Bottom) Moderate to Poor Quality Trees
- Category "U" Trees (Red Bottom) Dead, Dying or Otherwise Compromised Trees that are Unsustainable.

Hedges  
Scrub and Thicket

**Tree Protection Key**

- 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 (e.g. proposed parking near trees)

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

Client: Keldrum Ltd  
Scale: 1:1000 @ A1 Date: November 2023  
Project: Tree Survey, Tinakilly, Co Wicklow  
Description: Tree Protection Plan  
Drawing Title:  
Tinakilly Tree Protection Plan Southeast