

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'

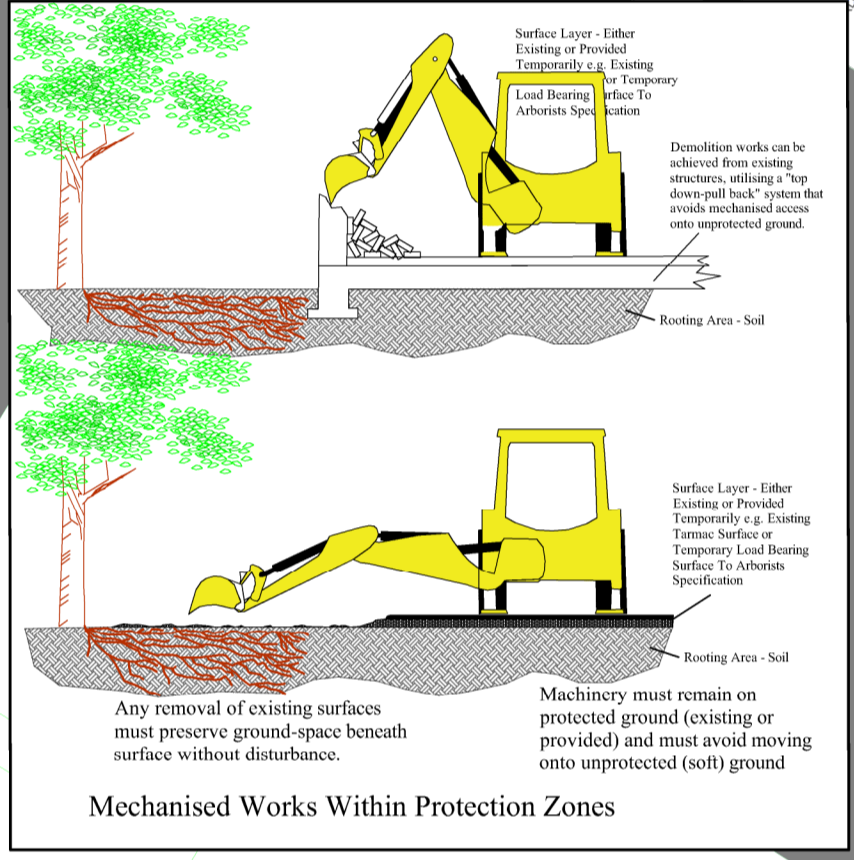
Limited temporary access for pedestrians and pedestrian controlled machinery etc. can be provided by (Subject to Agreement with Site Arborist) scaffold planks butted together and suitably stabilized or by the use of steel plates or similar temporary surfacing.

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

Examples of Ground Protection Systems



Crofton Road Tree Constraints Plan 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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**Colour Coding of Tree Impacts**

- Trees Intended for Retention - Solid Green Crown Outline
- Trees Intended for Removal In Conjunction With Development Works - Broken Red Crown Outline
- Trees Considered 'At Risk' From Proposed Development Works and Will Require Further Review and Investigation - Broken Pale Blue Crown Outline

Location Of Primary Construction Exclusion Fencing  
Area Of Primary Construction Exclusion Fencing

**Colour Coding of Tree Categories**

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

**Graphic Representation of Tree Form, Balance 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 affects of construction activity.

Client: Fitzwilliam DL Ltd.  
Scale: 1:250 Date: January 2021  
Project: Tree Survey, St Michael's Car Park, Crofton Road, Dun Laoghaire.  
Description: Tree Constraints, Impact Assessment and Protection Plan  
Drawing Title: Crofton Road Tree Constraints Plan

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