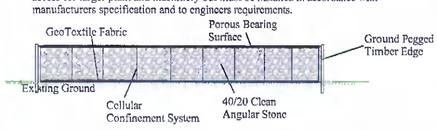
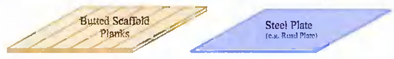
For Planning Purposes Only - Do Not Scale

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.

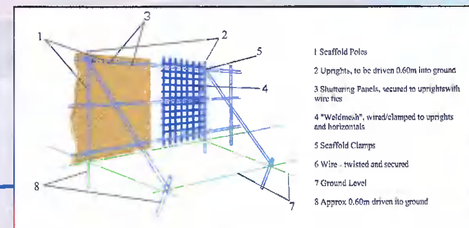


Each of the above must be installed on a progressive, rolling-out basis, with access only being gained from previously protected ground.

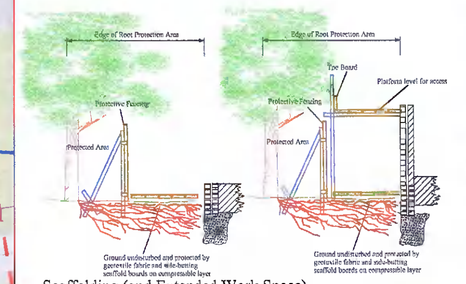
The ground beneath such systems must be protected by the use of a "Geotextile" membrane and a layer of "Compression Resistant" material (e.g. wood chips).

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

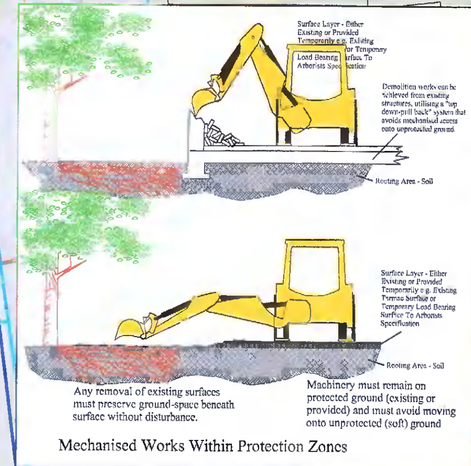
Examples of Ground Protection Systems



Example of Construction Methodology for "Construction Exclusion Fencing".



Scaffolding (and Extended Work Space) Within Protection Zones



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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Boden Villas Tree Protection Plan 1/1 _ Scale 1:200 @ A2

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

Category "A" Trees (Green Button)

Category "B" Trees (Blue Button)

Category "C" Trees (Grey Button)

Category "U" Trees (Red Button)

Border Planting 1

Graphic Representation of Tree and Protection Zone

Root Protection Area (RPA)

Canopy Extent
Cardinal Radii
Category Code
Stem Circumference

Canopy is drawn to account for any natural asymetry 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. Darragh Lynch Architects

Scale: 1:200 Date: January 2022

Project: Tree Survey, Taylors Lane, Ballyboden Dublin 16

Description: Tree Protection Plan

Drawing Title: Boden Villas Tree Protection Plan