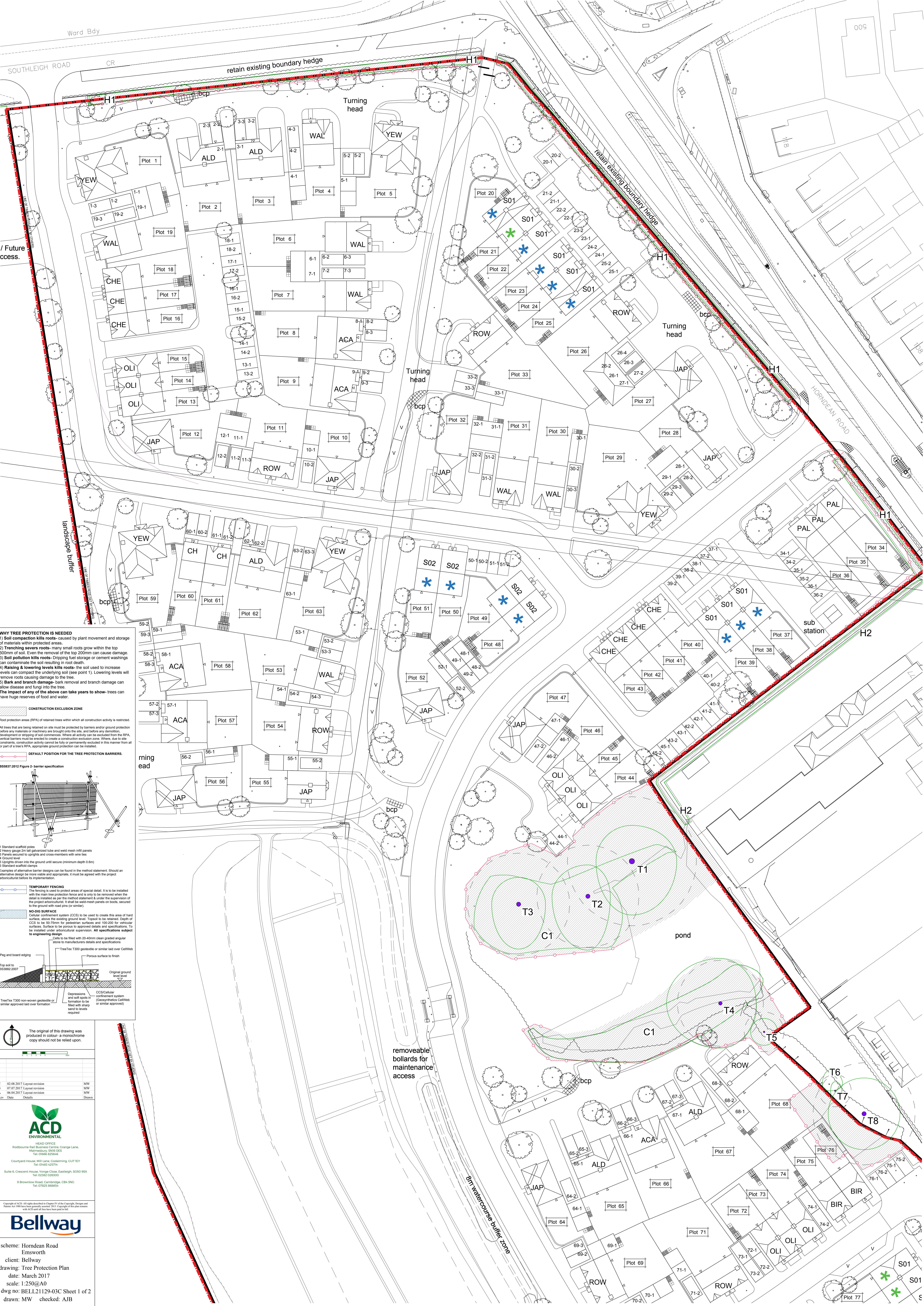




WHY TREE PROTECTION IS NEEDED

1) **Soil compaction kills roots** - caused by plant movement and storage of materials within protected areas.

2) **Trenching severs roots** - many small roots grow within the top 600mm of soil. Even the removal of the top 200mm can cause damage.

3) **Soil pollution kills roots** - Dripping fuel storage or cement washings can contaminate the soil resulting in root death.

4) **Raising & lowering levels kills roots** - the soil used to increase levels can compact the underlying soil (see point 1). Lowering levels will remove roots causing damage to the tree.

5) **Bark and branch damage** - bark removal and branch damage can allow disease and fungi into the tree.

The impact of any of the above can take years to show - trees can have huge reserves of food and water.

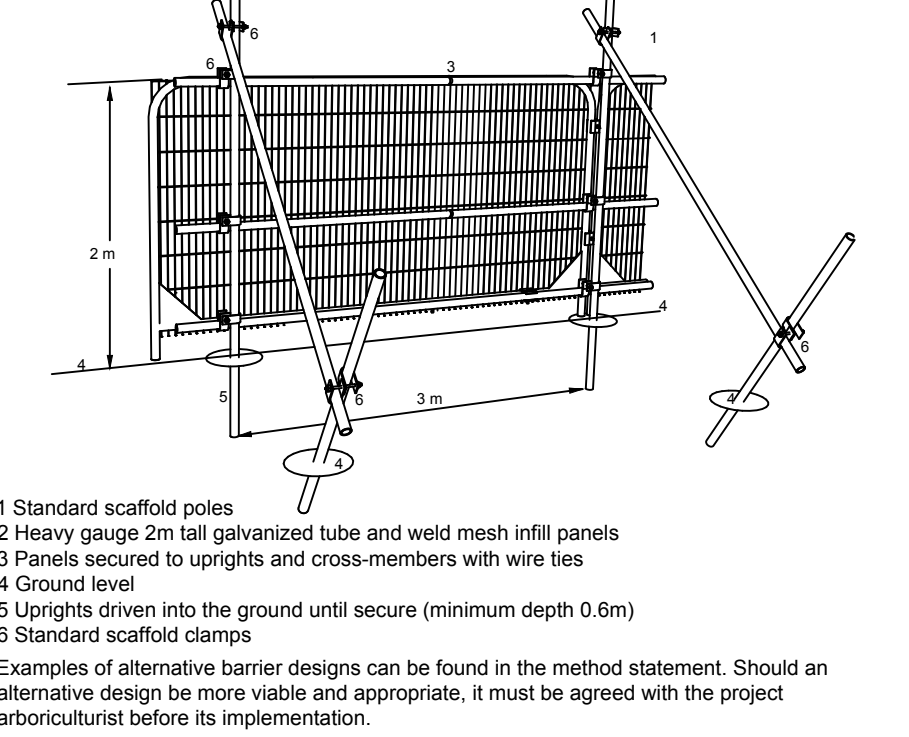
CONSTRUCTION EXCLUSION ZONE

Root protection areas (RPA) of retained trees within which all construction activity is restricted.

All trees that are being retained on site must be protected by barriers and/or ground protection before any materials or machinery are brought onto the site, and before any demolition, development or stripping of soil commences. Where all activity can be excluded from the RPA, vertical barriers must be erected to create a construction exclusion zone. Where, due to site constraints, construction activity cannot be fully or permanently excluded in this manner from all or part of a tree's RPA, appropriate ground protection can be installed.

DEFAULT POSITION FOR THE TREE PROTECTION BARRIERS.

BS5837:2012 Figure 2 - barrier specification



The original of this drawing was produced in colour - a monochrome copy should not be relied upon.

Rev	Date	Details	Thems
C	02.08.2017	Layout revision	MW
B	07.07.2017	Layout revision	MW
A	06.04.2017	Layout revision	MW

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scheme: Hordean Road
Emsworth
client: Bellway
drawing: Tree Protection Plan
date: March 2017
scale: 1:250@A0
dwg no: BELL21129-03C Sheet 1 of 2
drawn: MW checked: AJB



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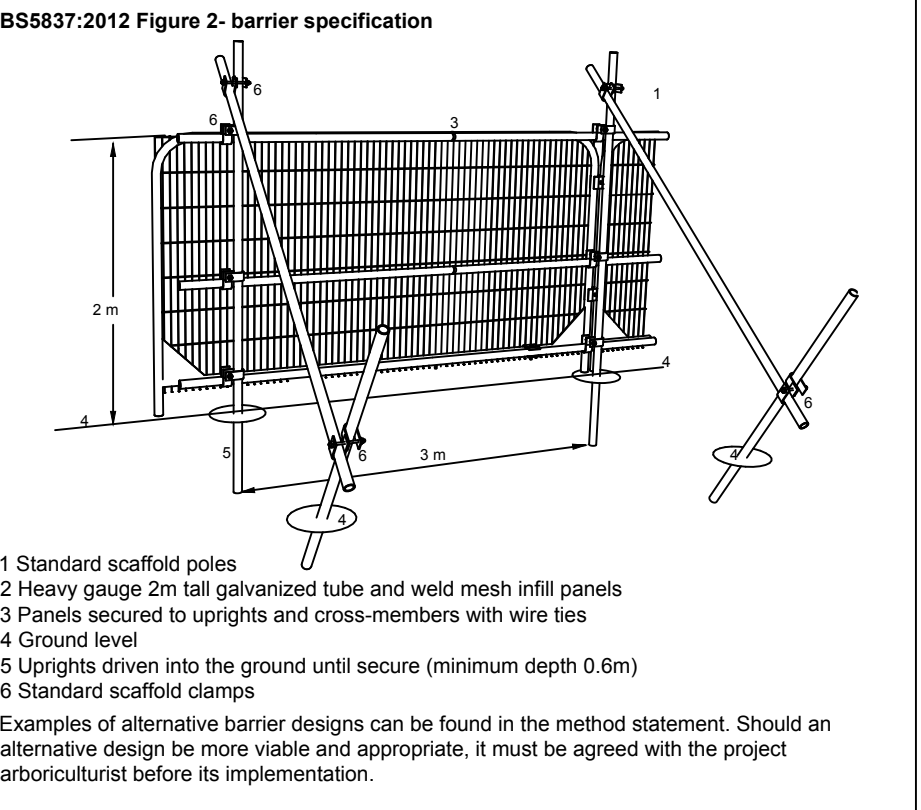
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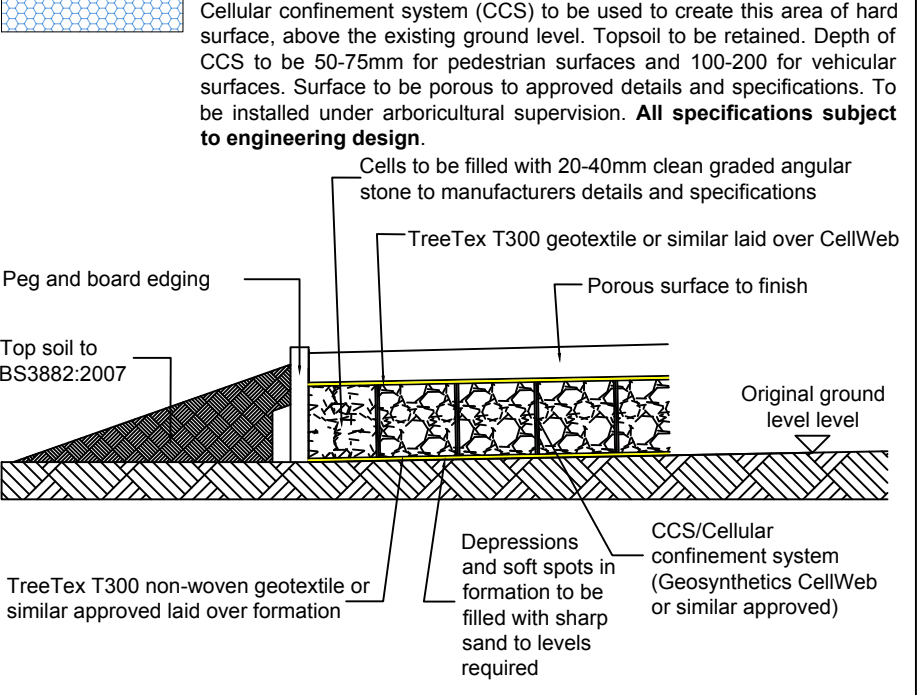
All trees that are being retained on site must be protected by barriers and/or ground protection before any materials or machinery are brought onto the site, and before any demolition, development or stripping of soil commences. Where all activity can be excluded from the RPA, vertical barriers must be erected to create a construction exclusion zone. Where, due to site constraints, construction activity cannot be fully or permanently excluded in this manner from all or part of a tree's RPA, appropriate ground protection can be installed.

DEFAULT POSITION FOR THE TREE PROTECTION BARRIERS.



TEMPORARY FENCING

The fencing is used to protect areas of special detail. It is to be installed with the main tree protection fence and is only to be removed when the detail is installed as per the method statement & under the supervision of the project arboriculturist. It shall be well-mesh panels on posts, secured to the ground with road pins (or similar).



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Rev	Date	Details	Drawn
C	02.08.2017	Layout revision	MW
B	07.07.2017	Layout revision	MW
A	06.04.2017	Layout revision	MW

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Bellway

scheme: Hordean Road
Emsworth
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date: March 2017
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dvg no: BELL21129-03C Sheet 2 of 2
drawn: MW checked: AJB