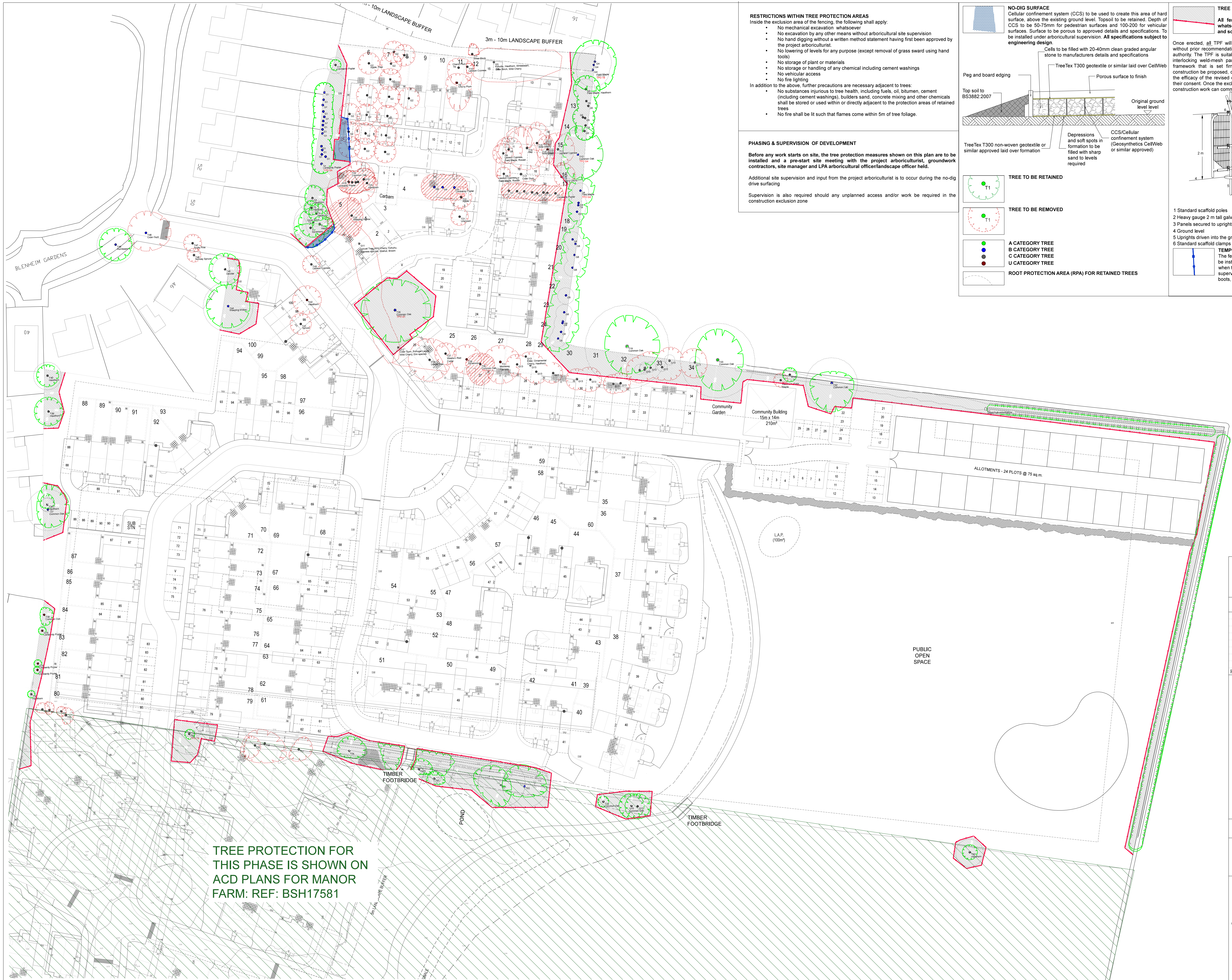




TREE PROTECTION FOR THIS PHASE IS SHOWN ON ACD PLANS FOR MANOR FARM: REF: BSH17581

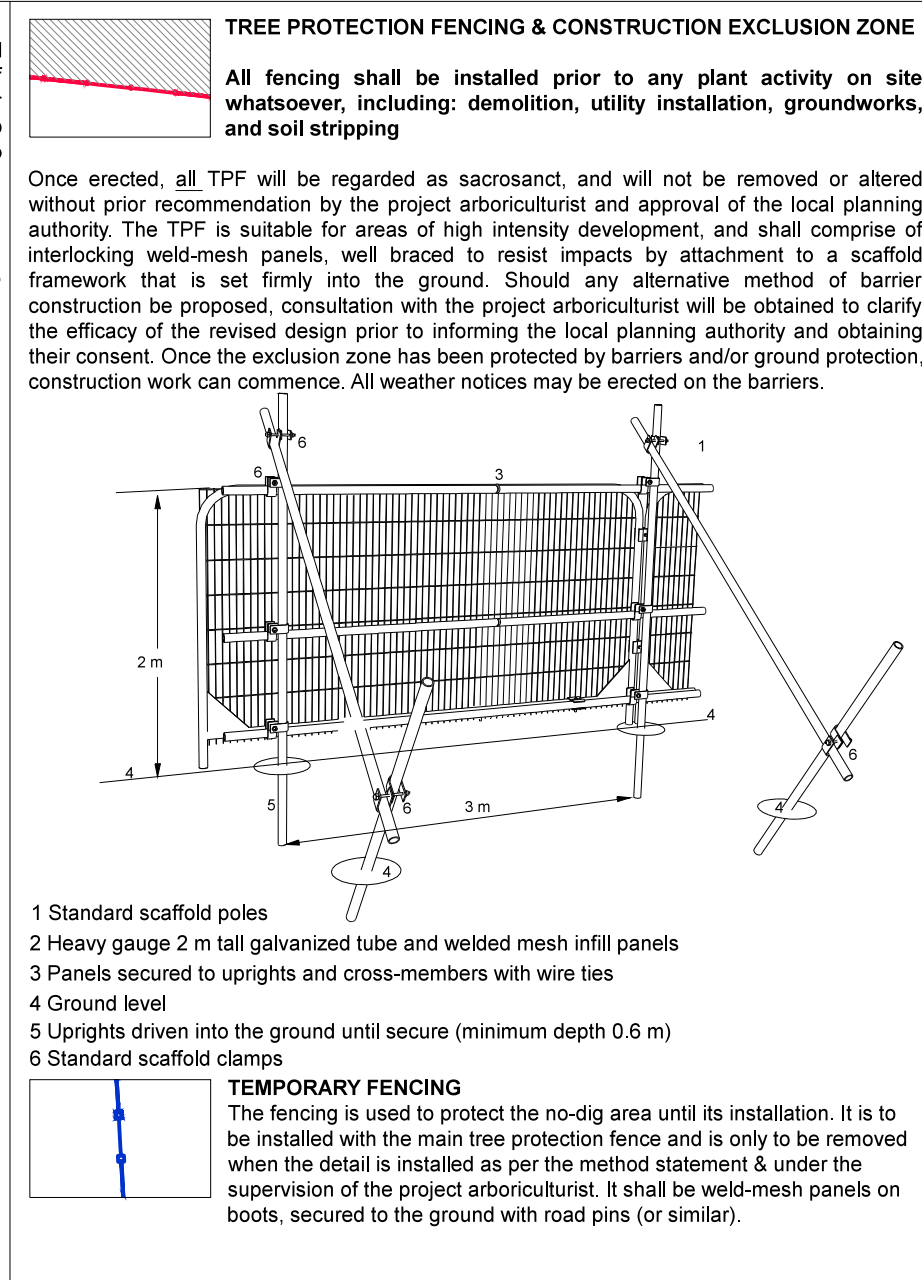
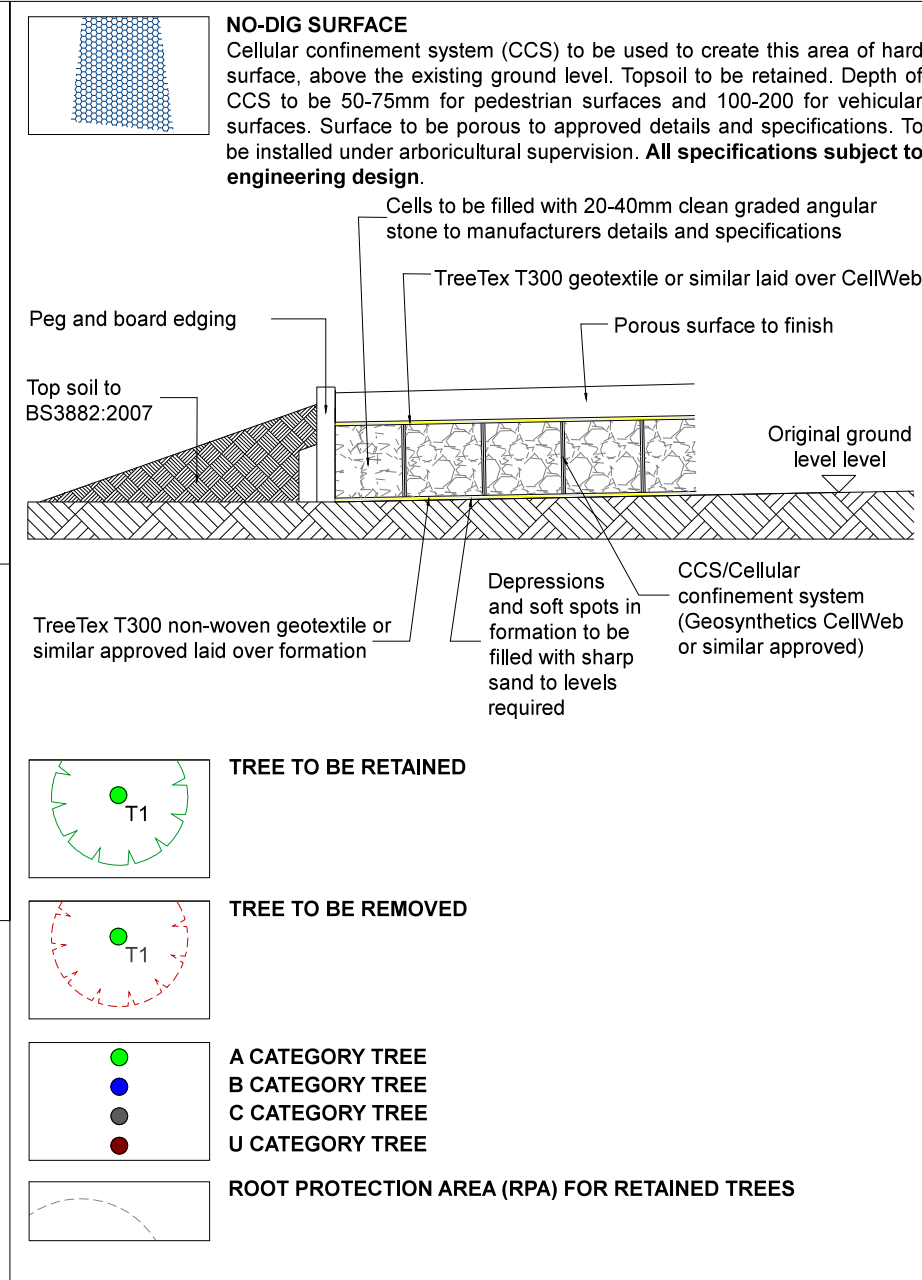
- RESTRICTIONS WITHIN TREE PROTECTION AREAS**
Inside the exclusion area of the fencing, the following shall apply:
- No mechanical excavation whatsoever
 - No excavation by any other means without arboricultural site supervision
 - No hand digging without a written method statement having first been approved by the project arboriculturist
 - No lowering of levels for any purpose (except removal of grass sward using hand tools)
 - No storage of plant or materials
 - No storage or handling of any chemical including cement washings
 - No vehicular access
 - No fire lighting
- In addition to the above, further precautions are necessary adjacent to trees:
- No substances injurious to tree health, including fuels, oil, bitumen, cement (including cement washings), builders sand, concrete mixing and other chemicals shall be stored or used within or directly adjacent to the protection areas of retained trees
 - No fire shall be lit such that flames come within 5m of tree foliage.

PHASING & SUPERVISION OF DEVELOPMENT

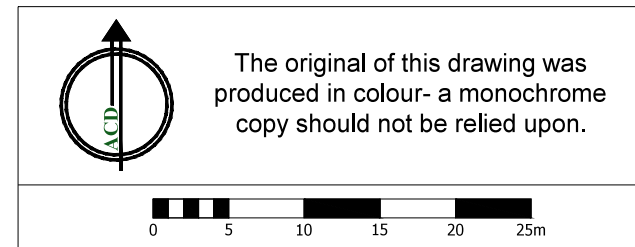
Before any work starts on site, the tree protection measures shown on this plan are to be installed and a pre-start site meeting with the project arboriculturist, groundwork contractors, site manager and LPA arboricultural officer/landscape officer held.

Additional site supervision and input from the project arboriculturist is to occur during the no-dig drive surfacing

Supervision is also required should any unplanned access and/or work be required in the construction exclusion zone



- 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.**



Rev	Date	Details	Drawn
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scheme: Nursery Fields, Denvilles
Havant, Hampshire

client: Barratt David Wilson

drawing: Tree Protection Plan

date: July 2013

scale: 1:500@A1

dwg no: BSH18623-03

drawn: MW checked: TRG