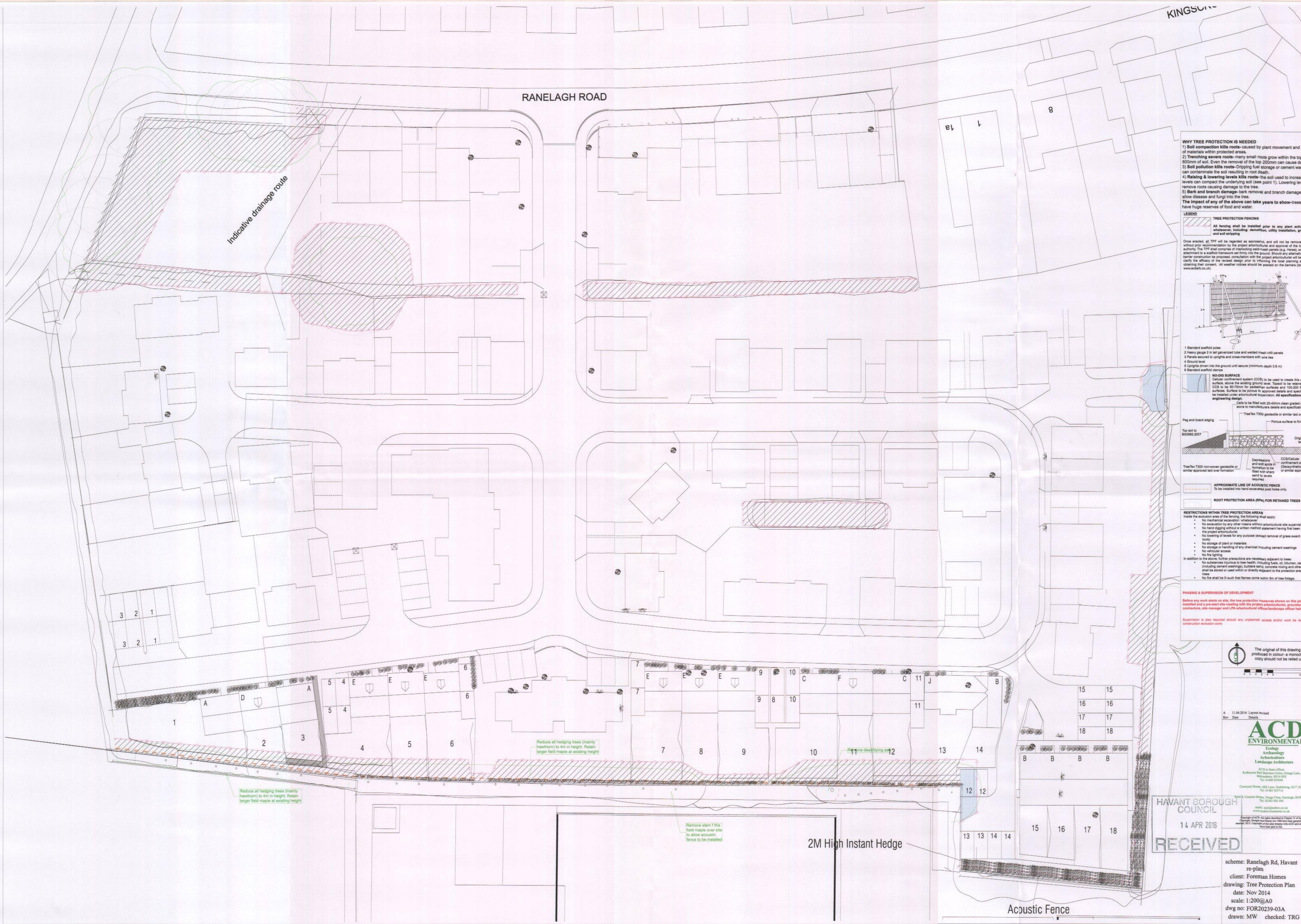




RANELAGH ROAD

Indicative drainage route

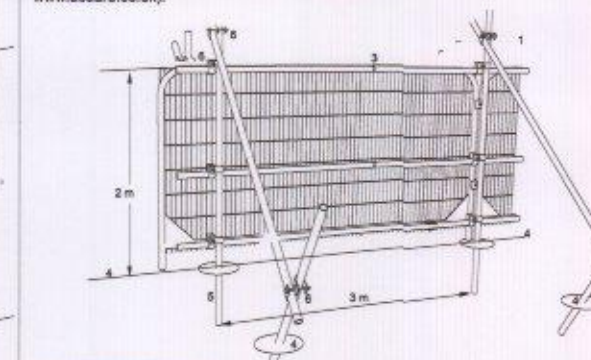
2M High Instant Hedge

Acoustic Fence

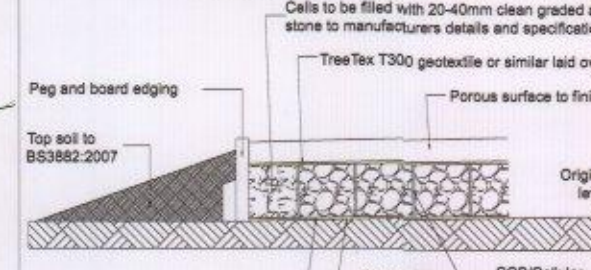
WHY TREE PROTECTION IS NEEDED
1) Soil compaction kills roots-caused by plant movement and soil of materials within protected areas.
2) Trenching severs roots-many small roots grow within the top 600mm of soil. Even the removal of the top 200mm can cause damage to the root system.
3) Soil pollution kills roots-Dripping fuel storage or cement wash 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 remove roots causing damage to the tree.
5) Bark and branch damage-bark removal and branch damage allow disease and fungi into the tree.
The impact of any of the above can take years to show-trees have huge reserves of food and water.

LEGEND
TREE PROTECTION FENCING
All fencing shall be installed prior to any plant activity whatsoever, including: demolition, utility installation, ground and soil stripping.

Once erected, all TPF will be regarded as sacrosanct, and will not be removed without prior recommendation by the project arboriculturalist and approval of the local authority. The TPF shall consist of erecting steel mesh panels (e.g. Nexus, well attachment to a scaffold framework set firmly into the ground. Should any alternative barrier construction be proposed, consultation with the project arboriculturalist will be required to clarify the efficacy of the revised design prior to informing the local planning authority of their content. All weather notices should be erected on the barriers (show www.acdenv.co.uk).



NO-DIG SURFACE
Cellular confinement system (CCS) to be used to create this surface, above the existing ground level. Topsoil to be retained. CCS to be 30-75mm for pedestrian surfaces and 100-250 for vehicle surfaces. Surface to be porous to approved details and specifications be installed under arboricultural supervision. All specifications engineering design.
Cells to be filled with 20-40mm clean graded aggregate to manufacturer details and specification.
TreeTex T300 geotextile or similar laid over
Peg and board edging
Top soil to BS882:2007
Porous surface to final level
Original level

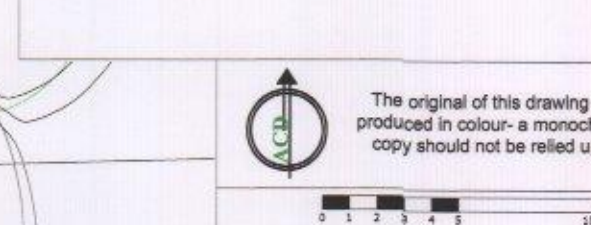


APPROXIMATE LINE OF ACOUSTIC FENCE
To be installed into hand excavated post holes only.

ROOT PROTECTION AREA (RPA) FOR RETAINED TREES

RESTRICTIONS WITHIN TREE PROTECTION AREAS
Inside the exclusion area of the fencing, the following shall apply:
• No mechanical excavation whatsoever.
• No hand digging without a written method statement having first been seen by the project arboriculturalist.
• No lowering of levels for any purpose (except removal of grass seed and weeds).
• No storage of plant or materials.
• No storage or handling of any chemical including cement wastings.
• No vehicle 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 wastings), builders salt, concrete mixing and other shall be stored or used within or directly adjacent to the protection areas.
• 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 shall be installed and a pre-start site meeting with the project arboriculturalist, groundworker, contractors, site manager and LPA arboricultural officer/landscape officer held.
Supervision is also required should any unplanned access and/or work be required within the exclusion zone.



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

A 11.04.2016 Layout revised
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ACD ENVIRONMENTAL
Ecology
Arboriculture
Landscape Architecture
ACD is based in:
Rushmore Rd, Basingstoke, Hampshire, RG24 0BA
Tel: 01256 330330
www.acdenv.co.uk
email: info@acdenv.co.uk
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HAVANT BOROUGH COUNCIL
14 APR 2016

RECEIVED

scheme: Ranelagh Rd, Havant re-plan
client: Foreman Homes
drawing: Tree Protection Plan
date: Nov 2014
scale: 1:200@A0
dwg no: FOR20239-03A
drawn: MW checked: TRG