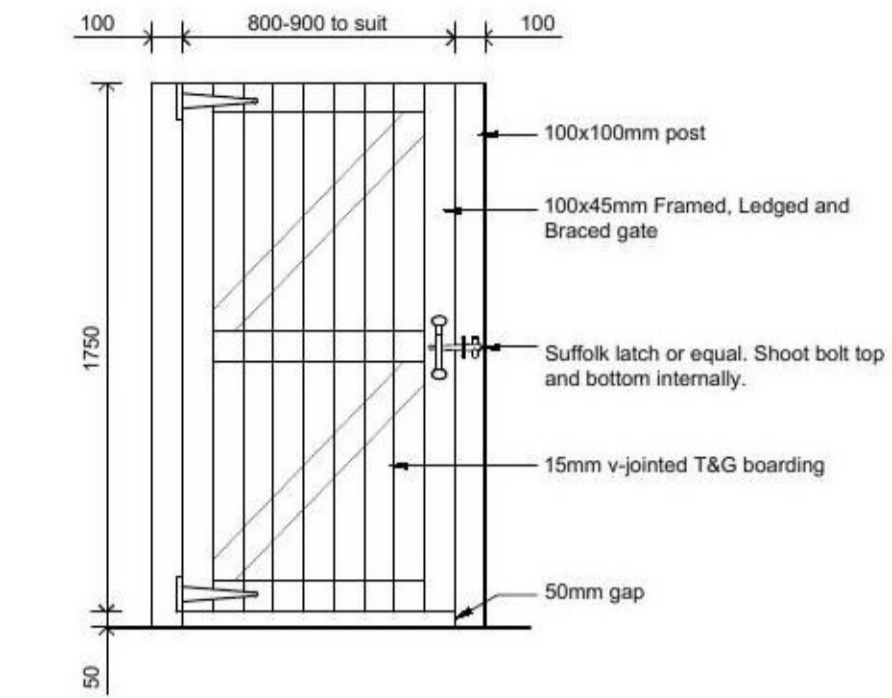
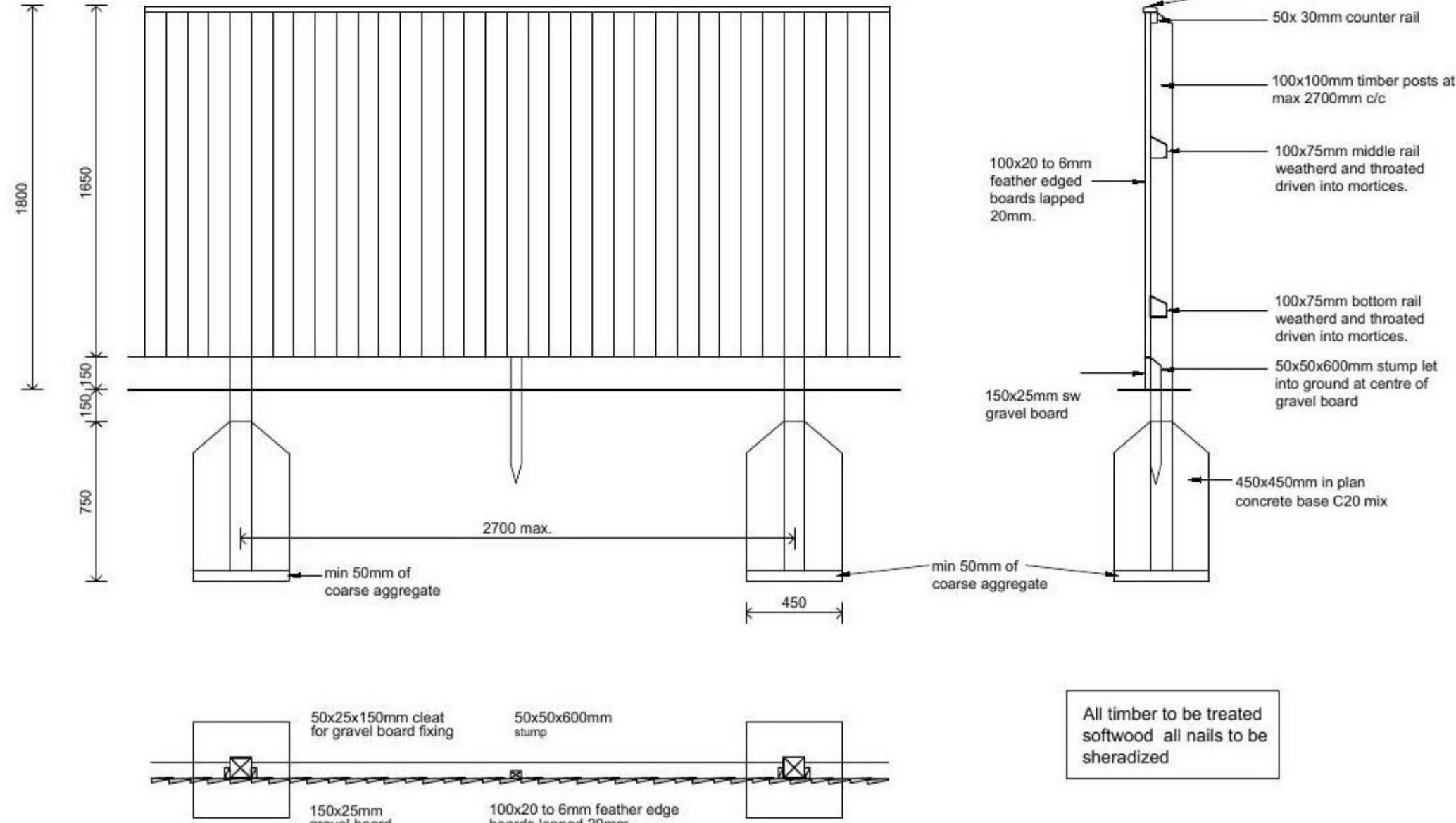
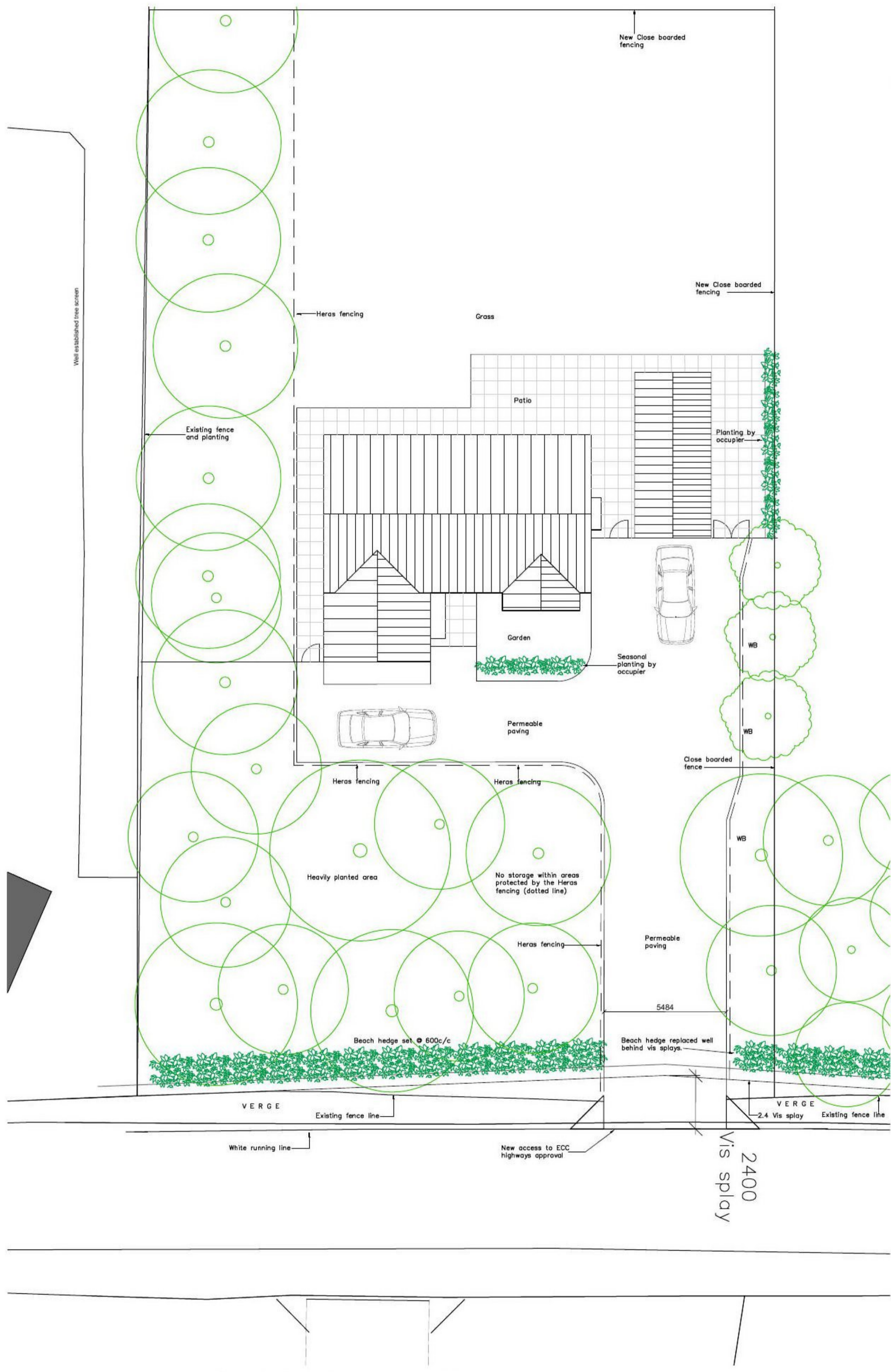


do not scale

If in doubt ask

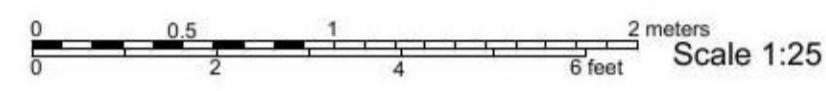
notes

This drawing is the copyright of Paul Newbould and must not be reproduced without consent in whole or in part thereof. All dimensions must be checked on site prior to commencement of works and any discrepancy to be reported immediately.



### Close Boarding Fence Details

Scale 1:25



All works to comply with the current copy of the Building Regulations and all to the satisfaction of the Building Control Officer, Consultants, NHBC and BS codes.

Builders need to be aware that they must not alter any of the construction details from the approved plans.

The client is to be aware that the work shown should only be executed by qualified builders who have attended the latest CDM courses and are fully proficient in all forms of safety procedure relating to all aspects of building and the safe operation of all plant and equipment including personal protection. The builder and sub contractors should submit to the client his Method Statement of Operation outlining his risk assessments etc relating to the work shown on this drawing before commencing work.

#### PROPOSED SPECIFICATION FOR LANDSCAPE WORKS

##### GENERAL:

All soft landscaping to BS4428:1989

Season: All work shall be carried out at an appropriate season and in weather conditions suitable for the operation. In particular tree and shrub planting shall not be carried out before October or after March without specific approval. Suitable weather conditions for planting shall mean open weather, i.e. mild, dull and moist (even in winter) when ground is moist and workable. Planting operations shall be suspended in period of droughts and when soil is frost-bound or water-logged. Grass seeding should ideally be carried out in Spring or early Autumn outside of periods of extreme wet or drought.

Approved Chemicals: All chemicals used shall be non-toxic to human beings, birds and animals under normal use, and chemicals which are not on the Agricultural Chemicals Approved Scheme current list of Approved Products shall not be used.

Subsoil: All subsoil is to be free of all tins, large stones, bricks, concrete, metalwork and any material detrimental to the establishment of plant material. The subsoil is to be contoured to allow for a final covering 150mm topsoil over the whole area of the works.

Topsoil: Existing topsoil to be reused upon agreement with the Council with regards to its quality and suitability to the proposed planting. Topsoil to be reused shall be stockpiled in mounds no more than 1.3m in height. Any imported topsoil shall be from the contractors own source and will be to BS 3882. Topsoil is to be slightly acid to neutral (pH 6.3 - 6.8) as this level is the optimum range for most plant growth, not more than slightly stony and spread to an even depth of 150mm. Any topsoil which has been brought to the site that the Supervising Officer considers unsuitable, shall be removed by the Contractor at his own expense.

Surplus Material: All surplus spoil and other debris shall be carted to the Contractors own tip.

##### GRASS SEED AND SEEDING WORKS:

Grass Seed: The grass seed shall be a minimum cut amenity mix and made up in the following proportions:

- 35% Creeping Red Fescue
- 15% Chewings Fescue
- 20% Browntop Highland
- 30% Smooth Stalked Meadow grass

All seeds must be certified and purchased from an approved supplier. Seeds shall be sown at a rate of 57 grams per square metre.

Seeding: No seeding shall be carried out until topsoiling is completed and brought to an even surface. Remove by hand picking any stones 25mm or more at their widest axis. Topsoil will then be consolidated by a suitable means, followed by hand raking to produce a fine true and even seed bed free from all weed growth.

Continue such operations to keep the tith fine and free, from weeds during any fallow period prior to sowing seed, and protect the seed from damp and vermin until required.

All seed shall be sown evenly by hand. After sowing the ground shall be hand raked to produce a fine tith and even surface.

The Contractor shall allow for the soil surface at finished level to be 25mm above any roadside kerbing or paving.

Any material detrimental to the establishment of a good grass sward shall be collected, loaded and removed from the site to the Contractors tip.

##### PLANT MATERIAL AND PLANTING - GENERAL:

All nursery stock should be purchased in accordance with the British Standard Specification 3936 Part 1 (1992).

Heavy Standard trees are to have 12-14cm stem circumference 1metre from ground level. They should have a minimum height of 2.50m with a 1.80m minimum clear stem. Feathered trees shall have a minimum height of 1.80m, unless otherwise specified.

Where requested by the Supervising Officer the Contractor shall provide a certificate that all nursery stock supplied is fully in accordance with the specification. All trees and plants are to be adequately and carefully packed and protected to survive transport by whatever means to the site without damage in loading, transit or unloading.

If despite these precautions roots, branches or shoots suffer any damage they are to be carefully pruned. If major damage has occurred the plant or tree shall be rejected and replaced.

All works to comply with the current copy of the Building Regulations and all to the satisfaction of the Building Control Officer, Consultants, NHBC and BS codes.

Builders need to be aware that they must not alter any of the construction details from the approved plans.

The client is to be aware that the work shown should only be executed by qualified builders who have attended the latest CDM courses and are fully proficient in all forms of safety procedure relating to all aspects of building and the safe operation of all plant and equipment including personal protection. The builder and sub contractors should submit to the client his Method Statement of Operation outlining his risk assessments etc relating to the work shown on this drawing before commencing work.

#### PROPOSED SPECIFICATION FOR LANDSCAPE WORKS

##### SPECIFICATION FOR TREE PLANTING:

Exposure of bare roots is to be kept to a minimum by covering with wet sacking.

Tree pits shall be excavated allowing a minimum of 300mm clearance between the edge of pit and root-ball. The pit shall be square to avoid root girdling. The depth should be a minimum of 700mm and at least 75mm greater than the depth of the root-ball.

The bottom of the hole must be forked, loosening the soil to a depth of 225mm. If material unsuitable for successful plant growth is found this must be removed and replaced by new approved top-soil.

Having prepared the hole three straight round stakes of 150mm diameter, peeled, pointed for driving and treated under pressure with preservative to 150mm above ground level should be driven in firmly equally spaced around the root-ball. The stakes should be driven in so they are a minimum of 300mm below the bottom of the pit and 500mm above ground level. Three rubber tree ties secured 25mm below the top of the stakes are to be secured to the tree so as to allow for movement but prevent damage to the trunk.

A 150mm layer of soil/peat mixture should then be put back into the hole and forked before back filling with Amsterdam tree soil.

Roots should be spread out carefully and evenly. The soil/peat mixture should be worked into the root system and the hole then refilled in 150mm layers, firming with the feet to ensure that the tree is firmly planted.

A depression to the diameter of the hole and 50mm deep should be left to facilitate watering.

All trees shall have applied to them an additional 57 grammes of balanced fertiliser to the soil surface which should be lightly forked in. Two gallons of water should then be applied to each hole.

There shall be a spread of 75-100mm depth of mulch over an area of 1000mm diameter around the tree, and it should be maintained until the spring following the first growing season.

Where turfing or seeding has been carried out prior to planting, or on existing turf, canvas hessian or other suitable material shall be laid around the pit to receive excavated soil. If, despite these precautions being taken, any damage occurs to the grassed areas these shall be reinstated to the satisfaction of the Supervising Officer at Contractors own expense.

Planting shall be carried out in accordance with approved plans. The right is reserved to adjust the exact position of trees after they have been set out on site, this can only take place with the written consent of the Local Authority.

Ground protection for areas of the ground around future planting pits shall be implemented in accordance with BS5837:2012.

##### SPECIFICATION FOR SHRUB PLANTING:

###### Heavy Standard Trees

WB = Himalayan Birch - Betula utilis Jacquemontii

Beach hedge as shown set @ 600c/c

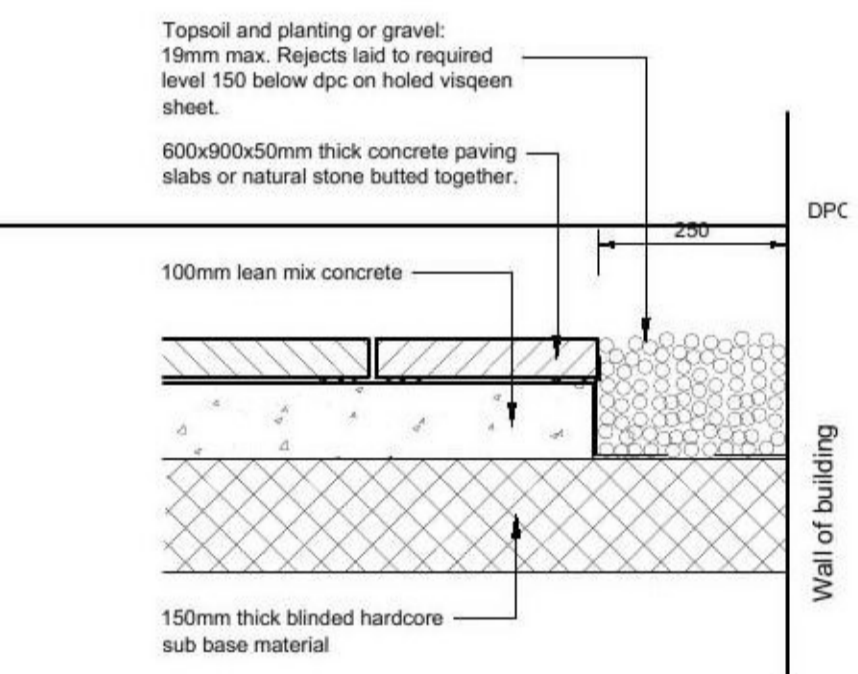
The shrubs within each group shall be evenly distributed in an informal manner over the area indicated by plan making allowance for overlapping of adjacent groups and avoiding straight lines and regular or geometric patterns. The areas for shrub planting shall be forked over and shall have a 50mm layer of approved granulated moss peat spread over the planted area and incorporated into the lower strata.

Shrub planting, container grown stock. Shrubs to be planted in a planting hole big enough to accommodate the plant without root damage, to a minimum of 300mm cubed. Minimum pot size 2-3litre unless specified differently. Plants to be firm, watered in and dead or damaged branches removed after planting.

The Contractor shall before cultivation suppress all weed growth on all areas which lie fallow while awaiting a suitable season for planting.

### Gate Details

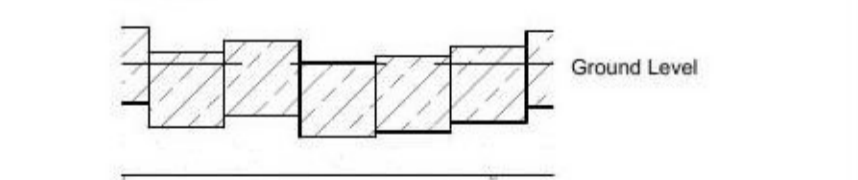
Scale 1:25



### Paving Slabs

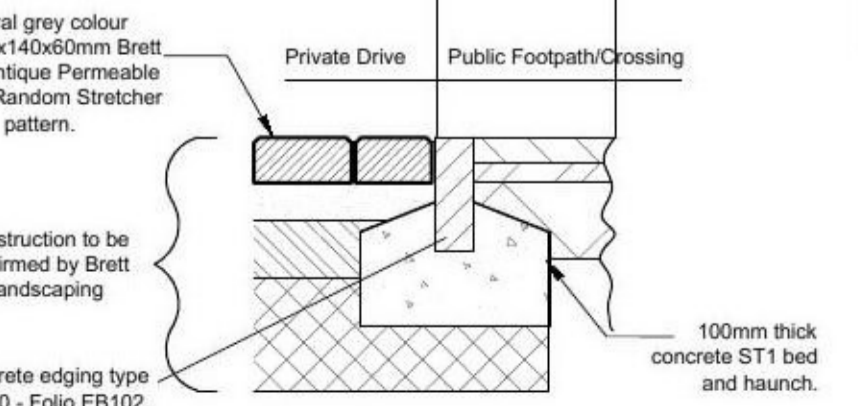
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Granite sets 100x100x100mm. Random heights max. difference 50mm above paving level (max height adjacent to footpath 25mm). Bedded in 50mm mortar on 100mm lean mix concrete.



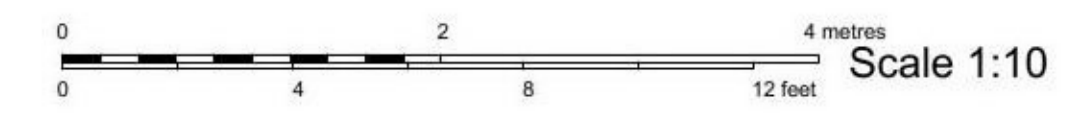
### Visibility Splays

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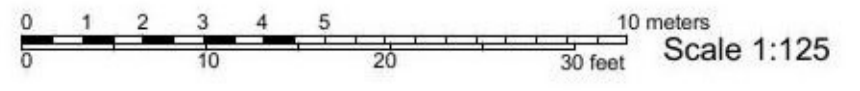
### Edging Detail

Scale 1:10



### Block Plan

Scale 1:125



no: date: by: revision:

Project: Proposed House  
Land to the West of  
Nortons Farm,  
The Street, Lower Kirby,  
Essex CO13 0EG

drawing title:  
Hard and Soft Landscaping  
Scheme Details

client:  
Mr R Collier

date: 08/19 drawn: FDL sheet:

scale@A1: As Shown drawing no: 1812-07 revision: -

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