

**ORIGINAL TREE POSITIONS HAVE BEEN SET BY PREVIOUS CONSULTANTS AS BEING SUITABLE FOR LOCATION. NEW TREE POSITIONS WITHIN POS HAVE BEEN CHECKED AGAINST NHBC PN 4.2 (2023) TABLE 5 COLUMN B**

**NOTE: ALL TREES SET WITHIN 3.0M OF HIGHWAY BOUNDARY TO HAVE ROOT BARRIER INSTALLED AT HIGHWAY BOUNDARY**

**NOTE: ALL TREES, HEDGES AND SHRUBS IN PRIVATE AREAS ARE STILL SHOWN ON APPROVED DRAWINGS CSA- 2047-134D-138D**

**Planting Specification**

**General Guidance**

All plant handling to be in accordance with the HTA 'Handling and establishing landscape plants' Part I, Part II and Part III (obtainable from the Horticultural Trades Association) and the CPSE publication: 'Plant Handling'.

All planting to conform to National Planting Specification Guidelines.

The individual setting out of the plants on site shall be the responsibility of the contractor and should follow closely the locations shown on the detailed planting proposal drawings supplied by the landscape architect. Contractor to ensure that plants are equally spaced within individual planting groups.

Contractor to ensure that smaller plants are located to the front of plant species groups as shown on detailed planting plans.

Contractor shall maintain existing levels around the base of existing trees and shall undertake all planting works occurring within tree protection zones in accordance with BS5837:2005. Contractor shall not remove or relocate any tree protection fencing without prior consent of the client.

Contractor to check the locations of all underground services, existing and proposed, prior to the excavation of any tree pits or shrub beds and identify any potential conflicts to the client.

All arisings shall be removed from site and the contractor shall at all times, keep the site free from rubbish and debris.

For the duration of the works the contractor shall keep the site free from injurious weeds as listed in the Weeds Act 1959.

All plants shall be supplied at the same size and of the same species as specified in the planting schedules on the landscape proposals plan. Any proposed replacement species or deviation from the planting schedules should be highlighted to and agreed with the client prior to installation.

All plants shall be hardened-off at the Contractor's own nursery or at the source prior to planting out.

All field grown and rootballed trees must have been transplanted or undercut in the nursery no less than 18 months prior to supply.

The Contractor shall carry out the work while soil and weather conditions are suitable. Planting is not to take place during periods of frost or strong winds.

The contractor is to ensure that adequate watering and weed control is provided at the time of planting.

Any topsoil retained on site in stockpiles for use in planting works is to be stored in heaps of no greater than 1.2m in height and is to be kept weed free at all times. Vehicles should be prohibited from tracking over any extent of the storage heaps. Apply proprietary herbicide to any perennial weeds and allow a period of time recommended by manufacturer to elapse before disturbing and re-using elsewhere on site.

Do not use peat or peat based products.

Prior to planting, planting areas shall be cleared of grass and weed growth physically and/or chemically with a proprietary translocated herbicide and a period of time shall be allowed to elapse as recommended by the manufacturer before commencement of soil preparation for planting.

All plants are to be watered thoroughly before planting stage to ensure rootball is thoroughly soaked prior to final backfilling.

**Tree Planting**

Generally plant trees in pits with minimum dimensions of:-

- 1000 x 1000 x 800mm deep for trees in soft, planted areas including grass/shrub areas and rear gardens.
- 600mm layer of retained site sourced topsoil (free from weeds), imported topsoil (Multi-purpose grade to BS3882:2015).

Backfill the pits in layers as specified below (from bottom up):-

- 200mm layer of compacted inert free draining gravel or pea shingle, wrapped in geo-textile membrane.
- 600mm layer of retained site sourced topsoil (free from weeds), imported topsoil (Multi-purpose grade to BS3882:2015).

Break up bottom of tree pit to a depth of 200mm and ensure ground is free-draining.

Loosen edges of tree pit at time of planting by hand, using a fork to ensure good drainage. Pits should be excavated no greater than 48hrs prior to planting and dewatered as required.

Incorporate a soil conditioner/amendment in the form of peat-free tree and shrub compost or well rotted spent mushroom compost into backfill material at the rate of 40L per pit.

Backfill topsoil mix in layers of 150mm, firming at each layer and loosening the pit sides to aid drainage. The surface level of the pit should be 50mm above the surrounding ground.

Trees shall be planted in the centre of the excavated pits.

Trees in soft planted areas to be dressed with a minimum 75mm mulch layer, consisting of pine bark fines, particle size 15-50mm to a min. diameter of 1000-1200mm where appropriate.

Semi-mature trees shall be secured by use of a proprietary underground girdling system, incorporating guy mats to protect the upper surface of the rootball and secured to the base of the tree pit. Guying supports to be sized in line with the size of the tree as recommended by the manufacturers.

Extra-heavy and heavy standard trees shall be staked and supported with a low, double stake consisting of 2No. 75mm diameter x min. 2000mm length rounded timber posts driven into the ground, 600mm above ground level and fixed to the tree by a proprietary rubber tree tie (Historical Standards 'Trees in Relation to Construction').

Standard trees shall be staked and supported with a low, single stake consisting of 1No. 75mm diameter x min. 2000mm length, rounded timber post driven into the ground at 45 degree angle to approx. 450mm above ground level and fixed to the tree by a proprietary rubber tree tie.

Trees shall be installed with proprietary flexible perforated irrigation/vent pipes with integral cap. Pipe to be installed encircling equally around rootball to the full depth of planting pit, with the final cap section installed just above ground level and nailed securely in place to the adjacent timber stake.

All trees in grass areas to be protected by min. 225mm high x 12-15mm diam. proprietary plastic strimmed-edge guards. Where trees have a basal trunk diameter greater than 12mm e.g. semi-mature, then two or more guards should be joined together using joining tape and then secured in place.

Root barrier membrane(s) to be installed on the tree side along the back edge of the kerb / edging restraint to the adjacent hard standing and to be extended a minimum 3m in each direction from a point taken perpendicular from the tree trunk to the kerb/edging face.

Root barrier membranes are to extend to a depth as outlined below:-

- For trees adjacent to hard standings only (no underground services), install 'Reocor 300' by GreenBlue Urban (01424 717797) or equal and approved, ribbed root barrier membrane, to a depth of 600mm, ribs facing tree, joints fixed with joining tape, install 10mm above final surface level of soft landscaping.
- For trees adjacent to hard standings incorporating underground services, install the following dependent on the depth of underground services:
  - For services 450mm deep:
    - o 'Reocor 600' by GreenBlue Urban (01424 717797) or equal and approved, ribbed root barrier membrane, to a depth of 600mm, ribs facing tree, joints fixed with joining tape, install 10mm above final surface level of soft landscaping.
  - For services 800mm deep:
    - o 'Reocor 1000' by GreenBlue Urban (01424 717797) or equal and approved, ribbed root barrier membrane, to a depth of 1000mm, ribs facing tree, joints fixed with joining tape, install 10mm above final surface level of soft landscaping.
  - For services deeper than 800mm:
    - o 'Reocor 2000' by GreenBlue Urban (01424 717797) or equal and approved, ribbed root barrier membrane, to a depth of 2000mm, ribs facing tree, joints fixed with joining tape, install 10mm above final surface level of soft landscaping.

All native hedgerow transplants to be installed with a min. 500mm square, woven polypropylene mesh mat secured pegged in place.

**Amenity Turf Planting**

Areas to be turfed are to be 'dog over' or rotovated to ensure decompaction of any existing subsoil and then finely graded to bring to a uniform and even grade at the correct finished level, removing all minor hollows and ridges. Light rolling may be required to consolidate any loose subsoil.

All stones and debris greater than 50mm in size to be removed and disposed of off-site.

Turfed areas are to consist of min. 150mm topsoil, either existing retained site sourced topsoil (free from weeds) or imported topsoil (Multi-purpose grade to BS3882:2015) or a combination of the two as necessary.

Unless otherwise stated, finished levels of turfed areas to be 30mm above adjoining paving and kerbs.

Final preparation of the turfed areas shall be carried out as to create a fine fifth surface suitable for laying of turves.

Prepared areas to be watered thoroughly to a depth of 75mm and lawn establishment fertiliser should be applied at a rate of 40g/m<sup>2</sup>, 48hours prior to turfing. Fertiliser to be raked into top 25mm of the surface.

- The areas(s) are to be turfed between April and October with turf, as specified in the planting schedules (Appendix A).
- Turves should be laid in a series of straight rows, with staggered joints. All joints are to be closely bedded together. Timber planks should be used to spread the load of the installer during laying and areas are to be tampered down to ensure good contact between turves and the soil.
- All turves should be laid within 24hours of delivery.
- The contractor shall ensure that all turfed areas are watered fully at the time of installation to the full cultivated depth, and that sufficient subsequent watering is carried out to ensure healthy establishment of the grass sward.

**Amenity Grass Seeding**

Areas to be seeded are to be finely graded to bring to a uniform and even grade at the correct finished level and to remove all minor hollows and ridges. All stones and debris greater than 50mm in size to be removed and disposed of off-site.

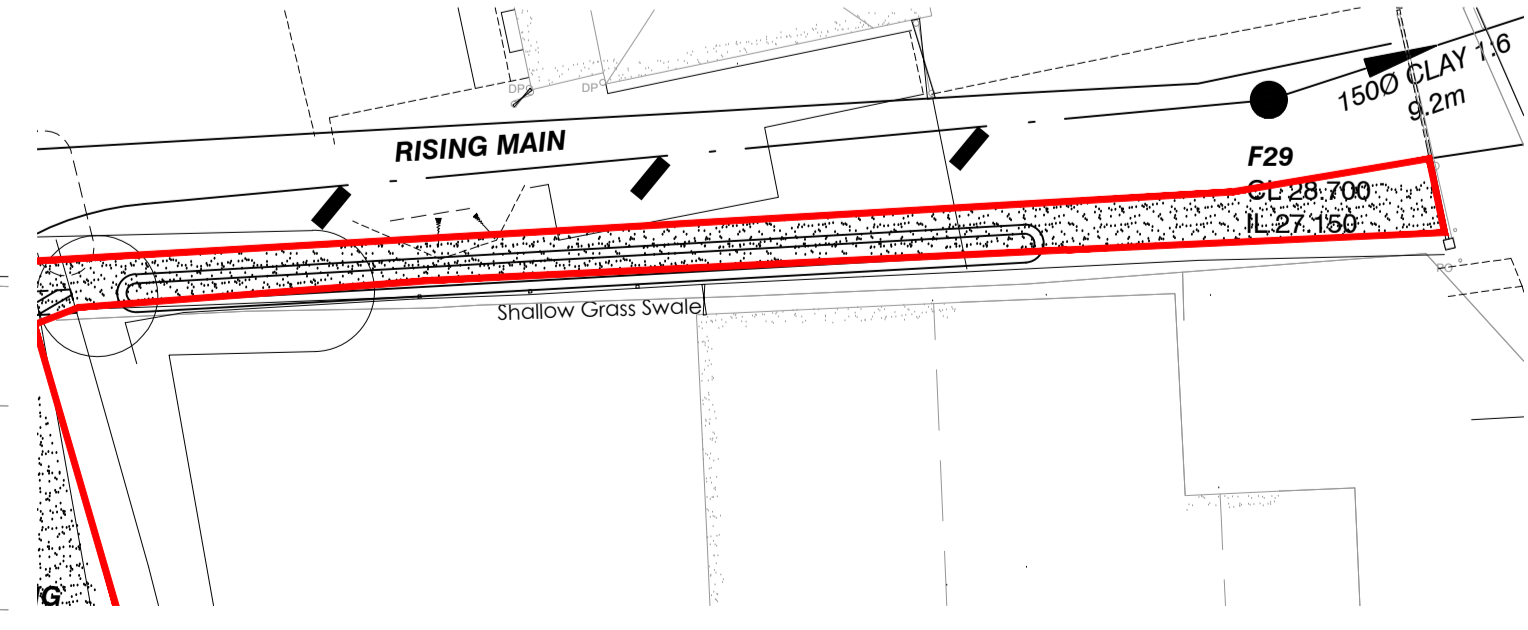
Seeded areas are to consist of min. 150mm topsoil, either existing retained site sourced topsoil (free from weeds) or imported topsoil (Multi-purpose grade to BS3882:2015) or a combination of the two as necessary.

**ORIGINAL LANDSCAPE PROPOSALS SHOWN ON CSA DRAWINGS CSA/2047/134-138**

REVISIONS

REFER TO EXTRACT A

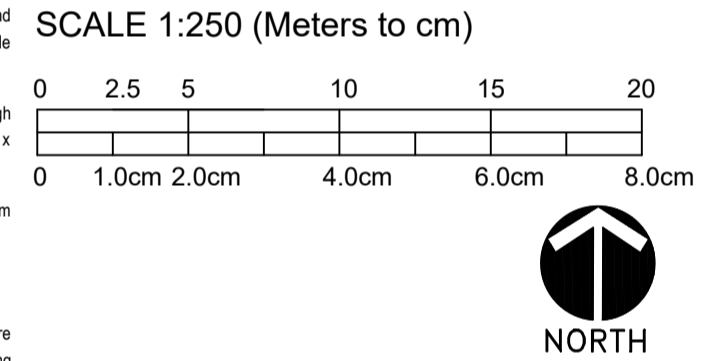
**EXTRACT A**



**LEGEND**

- APPLICATION BOUNDARY
- EXISTING TREES / VEGETATION
- TREES / VEGETATION REMOVED
- Softworks
- WOODLAND MIX
- HEATHLAND MIX
- SEMI-MATURE TREE
- EXTRA HEAVY STANDARD TREE
- STANDARD TREE
- ORNAMENTAL HEDGE PLANTING
- NATIVE HEDGE PLANTING
- ORNAMENTAL SHRUB / HERBACEOUS / GRASS PLANTING
- CLIMBING SHRUB PLANTING
- AMENITY GRASS SEEDING - 'A22 (Low Maintenance)' seed mix by Geminal Seeds Ltd or equal and approved. 50g / m<sup>2</sup>, overseed rate: 20g / m<sup>2</sup>.
- AMENITY GRASS TURF - 'Medallion' turf by Rölöw or equal and approved.
- WILDFLOWER MEADOW MIX - 'WF12 Heavy Clay Soils' by Geminal Seeds Ltd or equal and approved. 5g / m<sup>2</sup>
- WILDFLOWER MEADOW MIX- 'RE12 Drought Land (U16 Grassland)' by Geminal Seeds Ltd or equal and approved. 5g / m<sup>2</sup>
- WILDFLOWER MEADOW MIX- 'RE3 River Floodplain / Water Meadow (MGB Grassland)' by Geminal Seeds Ltd or equal and approved. 5g / m<sup>2</sup>
- PUBLIC OPEN SPACE BOUNDARY
- LITTER BIN
- DOG BIN
- LIFE BUOY

Notes:-  
1) For Planting Specification refer to 22.5293.05  
2) For Planting Schedule refer to 22.5293.02



**NOTE: THIS DRAWING IS "AS BUILT" BY OTHERS. WITH AMENDMENTS FOLLOWING TWH MEETING WITH TDC/ ALRESFORD PARISH COUNCIL. THIS REPLACES CSA HARD/SOFT LANDSCAPE DRAWINGS FOR POS AREAS ONLY**

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**PLANNING**

**TAYLOR WIMPEY.**

**COCKAYNES LANE, ALRESFORD, ESSEX.**

**LANDSCAPE INSPECTION 09.07.22 (SHEET 5 of 6)**

SCALE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1:250@A1	01.09.22	CB	AH	22.5293.14

No dimensions are to be scaled from this drawing. All written dimensions to be checked by the contractor. Discrepancies notified immediately to this consultant.