TREE PLANTING SCHEDULE

Tree Pits:
- Tree pits shall be of a diameter 600mm greater than the root ball. The depth of the pit shall be 225mm deeper than the root ball and not less than 800mm deep. The base of the tree pit shall be forked over to a depth of 225mm.

Tree Stock:
- All stock must comply in all respects with the current edition of B.S. 3936 except where superseded by the JCLI Standard Form for the Supply and Delivery of Nursery Stock (4th Edition 1982) when the latter shall apply.
- Trees shall be well grown nursery stock free from disease, true to type and of a size scheduled in accordance with the approved method of measurement.

Planting Trees:
- Spread a minimum 75mm thick layer of well-rotted manure in the bottom of each pit and fork over. Lay 50mm minimum mixture of peat substitute/leaf mould/sharp sand 6:3:1 by volume; the peat being well moistened. All the manure is to be covered so that none comes in direct contact with the tree roots. Soak the roots of bare-rooted trees in water for at least an hour before planting.
- Continue backfilling with top-soil into which 170gm of bonemeal has been mixed (per tree). Firm down well by heeling as filling proceeds. The tree must be planted to the same depth as in the nursery, and to the same orientation.

Planting of Semi-Mature Trees:
- Semi-Mature trees shall be transplanted in accordance with B.S. 4043: 1986 and the following procedures.
- Trees shall be transplanted during their dormant period following a thorough application of anti-desiccant spray. Trunks and main branches are to be wrapped in Hessian prior to lifting.
- Trees shall have been root pruned at least one growing season prior to lifting.
- Before uploading, the depth and diameter of the root ball shall be measured, to facilitate the digging of the pit to the correct size.
- The tree shall be re-planted to the same depth and orientation as in the Nursery allowing for settlement and thoroughly watered-in, including foliage spray in warm weather.
- All impervious root wrapping material shall be removed and any damaged roots over 25mm diameter shall be planted with a fungicidal sealant.
- Back-filling shall be done in layers of 150mm-225mm depth with each stage firmly consolidated to eliminate air pockets.
- The tree shall be secured with an approved method of underground guying and the trunk protected with wire mesh tree guards fixed to two stakes.

Stakes:
- To be requisite length, pressure impregnated (with preservative non injurious to plants) de-barked softwood 100mm square or diameter.

Tree Ties:
- To be plastic ties "Tom2S pattern, two per stake and nailed to stake with large head galvanized nails.
- Planting of Whips, Forestry Transplants and Feathers:
- Plants shall be planted at the same depth as in the nursery and well firmed with the ball of the foot. Any frost lifting or wind blow damage or loosening shall be corrected from, time to time.

Planting Season:
- Unless otherwise specified all transplanting shall be carried out between the end of October and the end of March. Container grown trees may be transplanted at times other than these at the discretion of the Landscape Architect.
- The transplanting shall be carried out when the weather is dull and the ground is moist and workable. On no account must the planting take place when there is freezing wind. Where approval is given by the developer to transplant between March and September, the trees shall be given a transplanting spray before transplanting and again between 7 and 10 days after planting, at the Contractor's expense.
- In the case of evergreens, transplanting spray shall be applied both before and after transplanting whatever time of year.

Transplanting in Frosty Conditions:
- Planting of trees in frosty conditions will only be permitted if adequate precautions are taken. The prepared root balls must have additional wrapping. The bottom and sides of the tree pits, and the piles of top-soil, must be protected from freezing by the use of boards, tarpaulins or other approved materials.

Watering:
- At the time of planting, each tree shall be well watered in. If there is a risk of frost within 24 hours the watering shall be delayed until such risk has passed.

Mulch:
- Apply 50mm mulch around trees immediately after watering in. Mulch to consist of pulverized natural pine bark such as "Cambark" ornamental grade from Camland Products Ltd., 36 Regent Street, Cambridge, or equivalent. Graded particles 8mm-25mm with all fines removed, free from pests, disease, weeds and additives.

Identification:
- Every specimen tree, and one tree from each group of similar trees, shall bear labels with the correct full botanical name. These to be of 6mm Dymo tape (or equal) stuck onto white plastic labels and tied loosely to tree in a position where it can be seen clearly.
- Trees to Correspond with Varieties Specified:
- Trees supplied shall correspond exactly with the species, varieties and sizes stated.
- No substitutes will be permitted unless expressly authorized in writing by the Local Planning Authority. Trees shall be of good stock, hardy and well rooted and where applicable shall be furnished with straight sturdy trunks, and well branched balanced heads.
- Plants should have been regularly transplanted during growth in the nursery and be generally in compliance with the requirements of the relevant parts of B.S. 3934. Any damaged plants must be replaced by the planting Contractor.
- Trees brought onto the site shall have their roots protected from drying out until planting is carried out.

Protection of Planting Material:
- All trees shall be adequately and carefully packed and protected to survive transportation to the site without damage.
- Particular care must be taken that the roots are not allowed to dry out.

1.0 Ground Preparation and Soil Specification

1.1 Subsoil:
Subsoil shall meet the following specification:
Texture 5-50% clay
PH 6-7.5
Stones <20%
To be free from toxic substances, weed seeds, plastic, metals etc.

Subsoil shall be spread to a minimum of 250mm below new grass and shrub areas. Tree pits to be constructed as described in section 3.0 'Plant and Planting Specification'.

Subsoil to be spread by hand or using a back-acting track vehicle to cause minimum compaction and loss of soil structure. No soil handling shall be undertaken when the soil is wetter than the plastic limit.

1.2 Topsoil:
Topsoil Characteristics of BS 3882: 1994 Specification for Topsoil. Soil shall be stored in heaps not exceeding 1.5 metres high. Heaps shall be graded to shed water avoid ponding, maintained in a weed-free condition and protected from contamination or trespass by heavy machinery.

Topsoil shall be lightly consolidated in layers not exceeding 150mm using track laying machinery. Works shall not be undertaken in periods of wet weather.

Topsoil shall be laid to the following minimum depths:
150mm below new grass areas
400mm beneath new tree and shrub areas

Finished levels, after settlement, shall be as follows:
25mm above adjacent paving from new grassed areas and non-mulched shrub beds
75mm below adjacent paving and grass for mulched planting beds
150mm below damp proof courses

1.3 Ground conditioning:
40 litres of compost to be incorporated into the top 200mm of each square metre of topsoil or all ornamental shrub beds.

2.0 Plant and Planting Specification

2.1 British Standard Specification
All plant stock, plant handling and planting to be undertaken in accordance with the following British Standard Specifications and Code of Practice:

BS 3936: 1992 Part 1 Nursery Stock, Specification for Trees and Shrubs
BS 3936: 1981 Part 10 Nursery Stock. Ground cover Plants.
BS 5236: recommendations for cultivation and planting of trees in the advanced nursery stock category.
BS 4428: 1989 recommendations for general landscaping operations.
BS 4043: transplanting of root-balled trees, 1989.
The Code of Practice for Plant Handling 1985. (Horticultural Trades Association).

2.2 Plant Stock:
Plant stock to be supplied in accordance with the size and description specified on the plant schedule and position indicated on drawing

Plant stock shall be healthy, vigorous, free from pests and diseases and suitably hardened off for the propose situation of planting and lifted at a time in accordance with good nursery practice. Stock shall have a well formed

All plant materials shall be lifted, bundled, labelled, packaged, transported, temporarily stored and planted in accordance with the procedures and methods illustrated in the publication "Plant Handling" (Horticultural: Trades Association) and relevant sections of BS 4043: 1989 Transplanting Root-Balled Trees.

2.4 Shrub Planting:
All bare root stock shall be planted between November and April. Plants shall be delivered to site in quantities which can be planted the same day. No plant roots shall be allowed to dry out.

1, 2 & 3L pot grown shrubs shall be planted in pits 350x350x350mm and back-filled gently.
7 & 15L stock to be be planted in prepared pits 500x500x500mm.

Plant stock shall be watered in same day with 5 litres per plant.

2.5 Heavy Standard Tree Planting:
Pits o be prepared to 500x500x500mm. Base and sides of pit to be further scarified.

Heavy standard trees to be double staked using two stakes (75mm dia.), driven into ground 300mm below bottom of pit. Base of pit to be filled with 200mm of 3:1 mix of approved topsoil/compost.

Trees to be centrally located and stem placed in an upright position. Pit to be back-filled with a 3:1 mix of an approved topsoil/compost. Backfill firmly to 50mm above previous ground level to allow for settlement.

Saw stakes to leave 600mm above soil level. Fix adjustable tree ties to each stake, to include rubber spacer. Water in same day with 36 litres per tree.

All works shall be carried out to the minimum standard according to BS 3939: 1980 Nursery Stock. Specification for Trees and Shrubs and BS 5236: 1975 Recommendations for the cultivation and planting of trees in the advanced nursery stock category. Planting of Root-Balled Trees section 3.1 and section 3.2.3-3.2.5

2.6 Mulch:
All shrub beds shall be spread with a medium grade bark mulch to a settled depth of 75mm. Mulch to be free from fines, weeds, disease and contaminants.

2.7 Grass Seeding:
Seed mix shall be:
Garden and road verge: British Seed Houses Grade A19 mix or similar approved.

Topsoil shall be cultivated to a fine tilth, be free from weeds, stones and other debris. Levels to be graded to form finished levels as indicated in section 'Topsoil'.

Roll, fertilise at 50mg/sqm, 10-14 days prior to seeding, sow at rate of 25-35g/m2 and lightly rake. First cut to be undertaken when grass reaches 50mm.

2.8 Turfed Areas:
To be supplied and laid in accordance with BS 3936: 1990 recommendations for turf for general purposes.

3.0 Maintenance and Management

4.1 Responsibility:
The maintenance of areas within the grounds of private dwellings shall be the responsibility of the property owner.

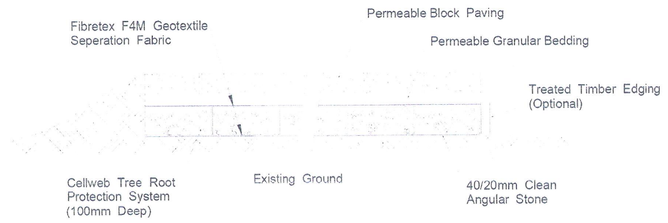
The areas outside private dwellings will be managed and maintained by a private management company during which the following operations shall be carried out:

Regular Visits:
Monthly maintenance visits to include the following operations:
- Hand weed planting beds
- Remove litter
- Sweep mulch spillage
- Re-firm plant stock as necessary
- Adjust stakes and ties as necessary
- Prune plant stock as required to encourage good form
- Check all plant stock and report signs of pests, disease, death and damage

Watering
Plant stock to receive the following quantities of water:
Heavy Standard trees: 36 litres each month between April and September
Shrubs and transplants: 5 litre/plant on three occasions throughout growing season
Watering to be undertaken during the first 24 months.

Grass cutting:
Grass shall be cut throughout the growing season to maintain a sward of 38mm. Grass shall be edged and clippings removed and watered as necessary.

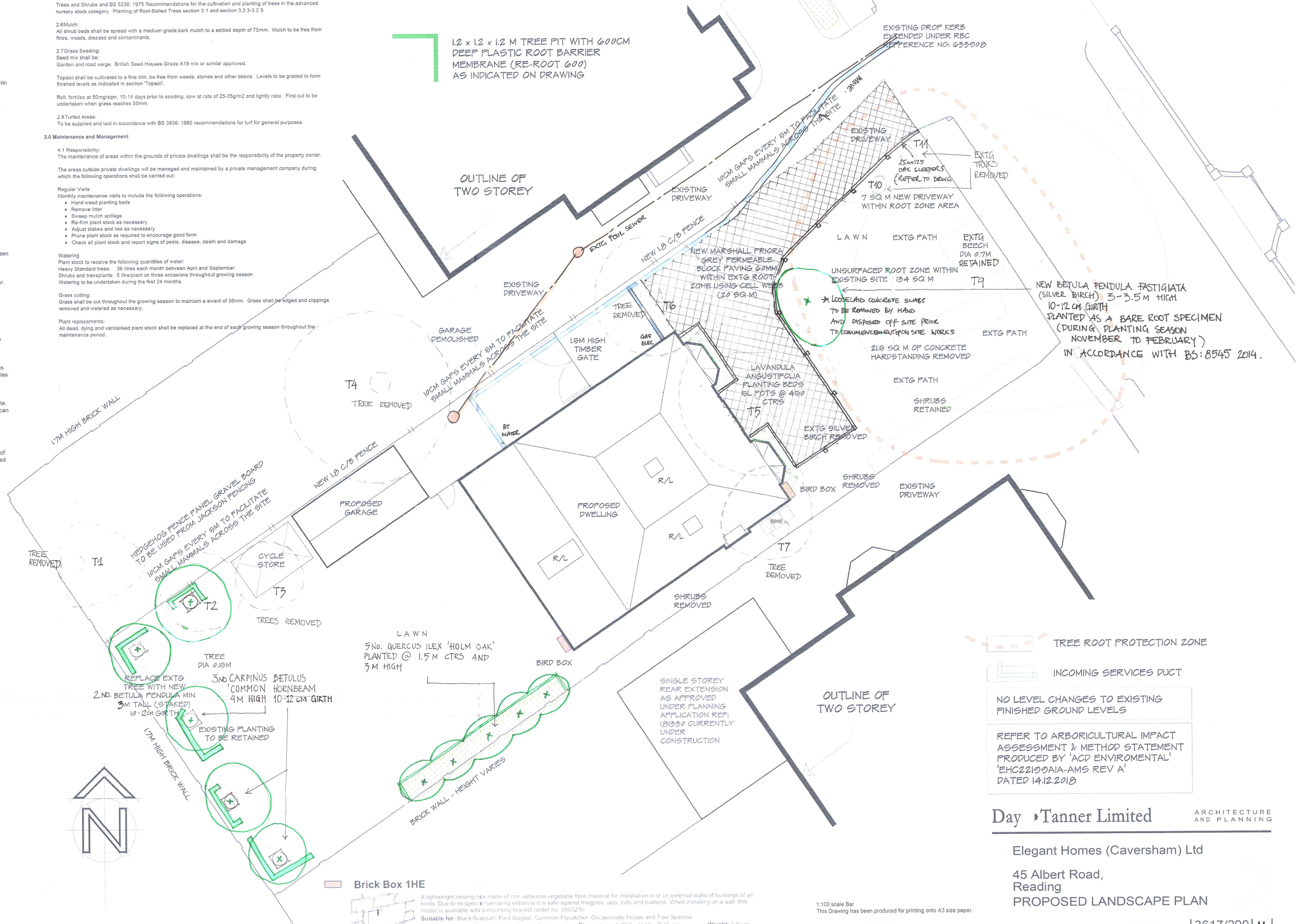
Plant replacements:
All dead, dying and vandalised plant stock shall be replaced at the end of each growing season throughout the maintenance period.



Cellweb Section - Tree Root Protection
c/w Marshalls Priora Grey Block Paving Surface

Fig. Typical details of no-dig construction for driveways

F.	KERBS, SECTIONS CHELLWEB ADDED	APR 2-19.
G.	LANDSCAPING ADDED	MAY-23-19.
H.	ADDITIONAL TREES	JUN 10-19.



SITE PLAN SCALE 1:100

TREE ROOT PROTECTION ZONE

INCOMING SERVICES DUCT

NO LEVEL CHANGES TO EXISTING FINISHED GROUND LEVELS

REFER TO ARBORICULTURAL IMPACT ASSESSMENT & METHOD STATEMENT PRODUCED BY 'ACD ENVIROMENTAL' 'EHC22100AIA-AMS REV A' DATED 14.12.2018

Brick Box 1HE

A lightweight nesting box made of non-asbestos vegetable fibre material for installation in or on external walls of buildings of all kinds. Due to its special narrowing entrance it is safe against magpies, jays, cats and martens. When installing on a wall, this model is available with a mounting bracket (order no. 00632/5).

Order no. 00 631 / 8

Suitable for: Black Redstart, Pied Wagtail, Common Flycatcher. Occasionally House and Tree Sparrow.
Material: Vegetable fibre material (asbestos-free)
Positioning: At least 2m above ground.
Dimensions: L 29.5 x H 15 x D 15 cm
Material: WoodcretePLUS
Weight: 2.8 kgs

1:100 scale Bar
This Drawing has been produced for printing onto A3 size paper.

Day Tanner Limited — ARCHITECTURE AND PLANNING

Elegant Homes (Caversham) Ltd

45 Albert Road,
Reading
PROPOSED LANDSCAPE PLAN

1:100 @ A1	DN	OCT 2018	3617/200	H