

| | YEA | ARS 1 TO 3 | 3 ESTABLIS | SED MAINTENANCE |
|--------------------------------------|--|------------|--------------|---|
| Al | l trees/shrub | planting (| including gr | assland) to receive the following: |
| Activity | Year 1 | Year 2 | Year 3 | Comments |
| Watering | | | | According to condition, but in the exception of drought conditions. |
| Total herbicide | 3x | 3x | 3x | Applied on programme with follow up spot treatment to both soft and hardstandings. |
| Selective herbicide | 1x | 1x | 1x | Chemical to be agreed prior to application. |
| Hand weeding | 5x | 5x | 2x | Provisional, but especially carried out at the early stages of planting. |
| Fertiliser | 2x | 2x | 2x | To be applied to base of trees, shrub beds in Spring & Summer and again Autumn/Winter, as with grassland |
| Pruning shrub beds | 2x | 2x | 2x | In accordance with species. Retain groundcover species from becomming invasive from neighbouring plants. Cut back to spray out invasive material species to keep in check and from suppressing key ornamental and native species. |
| Pruning hedgerows (If Applicable) | 6x | 6x | 6x | To be undertaken on a regular basis to maintain formal appearance and from causing obstruction - but to be carried out bearing in mind nesting of birds (Adhering to the Wildlife and Countryside Act). |
| Generally | бх | 6х | 4x | Firming, general tidy up of plants, as needed - replacement of ties/guards. |
| Replacement planting | Any dead or suppressed plant material to be replaced. Successes of failures with same species then substitute plants to be considered. | | | On going. |
| Litter pick | All areas of hard and soft landscaping to be thoroughly litter picked, brushed and arising removed. | | | Detailed programme to be agreed with contractor. Litter Pick to take place on a fortnightly basise or as otherwise instructed. |

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| | | | | grassland) to receive the following: | | |
| Grass cut | 21x | 21x | 21x | Regular grass cut regime to commence from late March/early April to end of October. "Cut and Collect". | | |
| Tree maintenance Pruning | Formative pruning | | | Removal of basal growth, dead timber and removal obstructive branches as well as formative pruning to train tree, as necessary. | | |
| Watering | During drought and or long periods of dry conditions. | | | As necessary. | | |
| Replacements | As necessary - substitutes when poor establishment of same species. | | | | | |
| Boxed hedgerows (If Applicable) | 4x | 4x | 4x | Retain as a well neat and tidy hedgerow throughout the year. Formative prune to plant establishment. Retain a specific height. | | |
| Bark Much to borders | 1x | 1x | 1x | During winter period ensure borders are weed free an top up medium grade bark mulch. | | |

| Proposed Shrub Planting | Qty | M^2 | Size |
|---------------------------------|-----|-------|--------------|
| | | | |
| Hypericum moserianum 'Hedgerow' | 44 | 3 | 2 Ltr CG |
| Lavandula 'Spica' | 36 | 3 | 2 Ltr CG |
| Yucca filamentosa | 2 | N/A | 5 Ltr CG |
| Genista Tinctoria 'Plena' | 18 | 3 | 2 Ltr CG |
| Phormium Tricolor | 4 | N/A | 10 Ltr CG |
| Cotoneaster 'Coral Beauty' | 41 | 3 | 3 Ltr CG |
| Rosa 'Palmengarten Frankfurt' | 40 | 1.5 | BR 5-7 Stems |
| Hypericum moserianum | 38 | 3 | 2 Ltr CG |
| | | | |
| | | | |

| Soft Landscape Measures | Total |
|---------------------------|---------|
| | |
| Grassland | 200 sqm |
| Shrub Planting | 68 sqm |
| Hedgerow Planting | 15 sqm |
| Colas Heritage Resin Bond | 50 sqm |
| - | |
| Total Trees Planted | 8Nr |

BR = Bare Root, RB = Root Balled, Container Grown - CG

| Proposed Tree Planting | Qty | | Size | |
|-------------------------------------|---------------|-------|---------|--|
| | | | | |
| Carpinus betulus 'fastigiata' | 2 | С | 12-14cm | |
| Quercus robur fastigiata koster | 7 | С | 14-15cm | |
| | | | | |
| | | | | |
| | | | | |
| BR = Bare Root, RB = Root Balled, C | C = Container | erise | d | |

Shrub Planting Colas Heritage Grassland Resin Bond Tree Grille moserianum

Storage and Protection

The contractor shall be responsible for ensuring that all plant material arrives on site in prime condition and shall take all necessary steps to ensure that plant material is correctly and adequately stored and is protected on site prior to planting out. Prior to final planting, the Landscape Architect shall inspect plant material and will reject damaged or otherwise unhealthy or poor material. Any material rejected shall be immediately replaced by the Contractor at his own expense. Under no circumstances shall plant material be stored on site for a period exceeding seven days. The Contractor shall prepare an area on site sufficient for heeling-in plant material and storage of other materials. The security and tidy appearance of this area shall

be the responsibility of the Contractor throughout the period of the contract.

The Contract Administrator (CA) shall be notified as soon as plant material has been delivered to the site. PLANTING GENERALLY

Planting shall be carried out in accordance with the drawings and/or schedules as well as in accordance to BS 4043, BS 4428 and BS 5837. The number of each species and variety of plants will be evenly distributed over the allocated areas, making due allowance for adjacent groups. The contractor shall clearly mark boundaries of planting areas, peg out beds and positions of plants and obtain approval of all setting out before commencing any planting.

Tree and shrub planting shall be carried out between 30th October and 31st March following, unless otherwise stated or instructed.

Planting operations shall be suspended when the soil is waterlogged, very wet or frost bound. Also periods of drought, frost or adverse windy conditions. Planting Preparation

Pits for tree planting shall be excavated 1000 x 1000 x 1000mm with the bottom 150mm being broken up subsoil. Excavated material other than topsoil be set aside for re-use or removal from site. Standard trees to have under-ground guying (if root balled trees) other trees staked & tided. All trees to have coil pipe irrigation system. Unwanted material, surplus material to be removed off site to contractors tip.

The pits shall be backfilled with 50% well draining loamy topsoil to BS 3882 and 50% peat free tree planting compost (Mycorrhiza to be used). The backfiled mixture must be thoroughly firmed down among the roots as planting proceeds.

Plants shall be set upright to the same depth as grown in the nursery and given adequate root spread, with soil carefully firmed around the plant and well watered at time of planting. Plants must not be damaged during the planting operations and must be set in their final position as soon as possible after lifting from the nursery. For native planting and hedgerows, where appropriate, plants shall come as bare root stock and notch planted (unless plants are supplied ascontainer grown). Plants roots shall be planted in sufficient holes and adequate depth (notched) to avoid exposed roots, firmed and planted in an upright position.

Climbing plants shall be secured to line wire support/horticultural ties/twine. Line wire to be 2-3mm plastic coated on galvinisation secured to vine screws. Screws set at 2m centres, and size of vine screws to be appropriate for plant species specific. Plant stems carefully trained/secured to line wire by purpose horticultural ties or twine with all labels removed. Allow for all fixture and fittings, installation etc.

<u>Mulching</u>

All shrub plantations - ornamental or native plantations, hedgerows as well as bases to amenity trees to receive medium grade bark mulch to a depth of 75mm. Bark mulch to be approved by CA or Client prior to implementation. <u>Watering</u>

All plants shall be watered at the time of planting at the rate of 40 litres per tree and 15 litres per shrub, as & when required during the first 3 years and in accordance with the maintenance programme.

All plants (trees & shrubs) shall be replaced during years 1 to 5 if suppressed, dead or defective as per planning conditions (the latter if subject to planning

Andrew Harker Associates Consultants in Arboriculture

Proposed Development at Church Road, Liverpool Drawing Title Proposed Landscaping Scheme The Keith Davidson Partnership

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Professional tree and woodland management services

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