



MAINTENANCE OF PLANTED AND SEEDED AREAS DURING THE STATUTORY FIVE YEAR ESTABLISHMENT PERIOD

OPERATION	J	F	M	A	M	J	J	A	S	O	N	D	NOTES
TREES													
Prune in after winds and frosts													Check after storms
Check plants, check top and sides													
Remove stumps when tree side to support foot													
Between 2 - 5 yrs after planting													
Remove and cosmetic pruning													As directed
Residual herbicide. Application as specified													
Planted ground to be checked and repaired													
SHRUB AND HEDGE PLANTING													
Prune in after winds and frosts													
Remove and cosmetic pruning													As directed
Residual herbicide. Application as specified													
GRASS CUTTING													
Cut amenity grass areas, sweep clean all cuttings, remove stumps from site													
Within 300mm radius around all trees													
WILFLOWER AREAS													
Cut wildflower grass areas, remove stumps from site													
Within 300mm radius around all trees													
GENERAL													
Water application													Only in exceptional circumstances
Water application													
Water application													
Water application													

KEY

- Proposed tree
- Existing woodland planting
- Proposed woodland planting
- Proposed shrub planting
- Proposed hedge planting
- Grassed areas
- Wildflower Grass Areas
- Proposed mounding (0.5m contours)

STOCKTON BOROUGH COUNCIL
PLANNING
10 AUG 2007
DATE RECEIVED

PLANTING SPECIFICATION

General

All work and materials shall be in accordance with current British Standards Components and to Code of Practice

SITE CLEARANCE

Remove general building rubble, rubbish and the like from the areas to be planted. Such materials to be collected and taken to Contractor's site or disposed of on site as directed.

EARTHWORKS

Conventional shrub planting areas

- Approved topsoil to be laid onto site and spread evenly on the approved formation to give a finished depth of 450mm.
- Finished areas of topsoil to be 25mm above adjoining paths.
- Supply and spread approved fertilizer such as AN Enrich or similar standard at the rate of 10g/m² to be worked into top 200mm.

CULTIVATIONS AND PLANTING

Conventional Shrub Plant

- Shrub beds shall be cultivated prior to planting to produce a medium till and all weeds, stones and other debris arising from the work are to be collected and removed from site.
- Spread approved tree and shrub planting compost over the planting beds at the rate of 800kg/ha² and work into the top 200mm.
- Work to be done in locations, numbers and densities shown on the drawing and placed to achieve an even spacing and resulting in a pleasing planting effect. All shrubs to be planted at the depth of which they have been previously growing allowing for soil settlement after planting.
- Surfaces of shrub planting areas shall be left clean and neat with a raised surface between the planting during and on completion of planting.
- Immediately after planting all containerized plants shall be watered with 5 litres of water per plant.
- All grass edges to be cut vertically with an edging iron to a depth of 100mm. Resultant edges to be clean and straight or an even smooth radius. Edges to be left neat and dry with ground on shrub side meeting cut face at an even gradient. All cuttings to be removed from site.
- A 100mm layer of natural coarse sand to be spread over planting areas, at least 75% of which shall exceed 60mm particle size and shall contain a minimum of 5% perlite. The sand is to be peat, disease and weed free.

Hedge Planting

- Hedge species to be planted in staggered rows, 800mm apart, at 300mm centres.

Tree Planting - Planting Pit

- Excavate tree pits as follows:
 - Standard Trees: 1200mm dia x 1200mm deep
 - Faithful Trees: 800mm dia x 800mm deep
 - Transplants: 500mm dia x 300mm deep
- Loosen base to a further depth of 200mm and evenly sieve. Deposit of unsuitable excavated material off site to approved tip.
- Tree stakes to be pressure treated, minimum diameter 25mm and pointed at one end. Stakes to be driven into the pit before planting to a minimum depth of 300mm below the base of the pit.
- Stake ends: Double sided. Faithfuls: Single sided.
- Tree or transplant to be planted to a depth and orientation related to the original growing position in the nursery and backfill with the excavated sand mixed with approved tree and shrub planting compost.
- Trees to be tied to the supporting stakes with adhesive reinforced rubber tree ties with solid rubber spacers, positioned at an approved point suitable to the height of the tree.
- Water to be applied to all trees and transplants on the same day as planting.

Grass Seeding

All Areas for seeding: Topsoil depths 150mm.

Conditions

- One month after sowing, areas shall be removed to a depth of 100mm followed by chain harrowing to a depth of 50mm to produce a fine till. Finished surfaces to be rolled with a cylinder roller.
- All seeds, stones and other debris arising from this work are to be collected and removed from site to the Contractor's tip.
- All grasses and broad-leaved plants which emerge between cultivations and seeding shall only be treated with an approved broad-leaved herbicide prior to sowing.

Minor Grading

- Finished beds of amenity grass areas to be 25mm above adjoining paving or kerbs. Levels to be arranged to give gentle falls for drainage purposes.
- These areas to be mowed in to adjoining walked areas.

Final Cultivations

- The surface for seeding should be 20mm deep and free from weeds and stones.

SOWING

Amenity Grass Seed

- Green Seed House A14 Low as recommended rate of 35 grammes/sq.m, or similar approved rate of 35 grammes/sq.m, or similar approved rate of 35 grammes/sq.m, or similar approved rate of 35 grammes/sq.m.

Wildflower Grass Seed

- Green Seed House RE1 Traditional Hay Meadow recommended rate of 50g/m², or similar approved. To be sown with nurse crop. Additional wildflower seed to be collected from local areas and sown, where practicable.

Procedure

- The Contractor shall purchase fresh grass seed each shall be made up of certified seeds under EEC regulations. The seed shall have a certified germination of not less than 10% and a certificate of purity of not less than 90%. Total seed weight and other crop seeds content shall not be more than 1%. Seeds shall be obtained at least 21 days before sowing.
- The Contractor shall be required to submit certificates for all deliveries of grass seed stating the seed source, relative percentage, percentage purity and germination period. All seed shall be delivered in original sealed bags.
- After sowing, all areas to be consolidated using an approved type rigid roller.
- Sowing shall be carried out in suitable weather conditions in transverse directions. After sowing, ground to be lightly rolled and all stones over 12mm gauge shall be removed.

Grass Substitution/Change

- Any substitution of seeded areas below the specified levels shall be made good and re-seeded. This work shall be verified at the Contractor's expense.
- The Contractor shall make good any damage caused by work people, plant or material while carrying out and maintaining the work on site.

Watering

- The Contractor shall be entirely responsible for all watering necessitated by dry weather and it shall be undertaken by stationary spray.

Completion

- Grass areas shall be accepted as having reached practical completion only when germination has proved satisfactory and healthy weed free seeds have been established.

Proposed Climber, Herbaceous and Shrub Planting

Plant Name	Height	Root	Container	Density	Density Type
Araliacae (var.)	60-80	C	3L	2.00	m2
Ceanothus thyrsiflorus repens	30-40	C	3L	3.00	m2
Choisya ternata	20-30	C	2L	4.00	m2
Cornus alba	40-60	C	2L	3.00	m2
Diophaena Lucida	20-30	C	2L	6.00	m2
Cytisus vers.	40-60	C	1L	8.00	m2
Echinops (var.) 'Valk's Blue'	10-15	C	2L	3.00	m2
Elaeagnus ebbingei 'GR Edge'	40-60	C	2L	3.00	m2
Eucalyptus fortunei vers.	40-60	C	2L	5.00	m2
Festuca glauca 'Blue Arch'	20-30	C	1L	7.00	m2
Hedera vers.	10-15	C	1L	4.00	m2
Hypericum calycinum	30-40	C	2L	4.00	m2
Ilex vers.	40-60	C	2L	3.00	m2
Juniperus vers.	30-40	C	2L	4.00	m2
Kralupia	15-20	C	1L	6.00	m2
Lonicera nidica	30-40	C	2L	4.00	m2
Manisotus vers.	60-80	C	3L	3.00	m2
Philadelphus 'Viginal'	60-80	C	3L	3.00	m2
Pinus mugo	30-40	C	2L	4.00	m2
Rutbeckia vers.	15-20	C	2L	4.00	m2
Sambucus racemosa 'Flammaria Auser'	40-60	C	2L	3.00	m2
Spirea japonica 'Snowmound'	40-60	C	2L	3.00	m2

Proposed Woodland Mix

Plant Name	Height	Root	Mix Percentage
Acer campestre	125-150	B	4.00
Betula pendula	40-60	B	8.00
Betula pendula	125-150	B	3.00
Corylus avellana	40-60	B	4.00
Crataegus monogyna	30-40	B	8.00
Cytisus scoparius	30-40	C	2.00
Fagus sylvatica	125-150	B	5.00
Fraxinus excelsior	125-150	B	3.00
Fraxinus excelsior	40-60	B	8.00
Pinus sylvestris	125-150	C	3.00
Pinus avium	60-80	B	4.00
Pinus apicea	40-60	B	4.00
Quercus petraea	40-60	B	8.00
Quercus petraea	125-150	B	4.00
Quercus robur	40-60	B	8.00
Quercus robur	125-150	B	4.00
Rosa carolina	40-60	B	3.00
Sambucus nigra	40-60	B	5.00
Sorbus aucuparia	40-60	B	8.00
Sorbus aucuparia	125-150	B	4.00

Proposed Hedge Mix

Plant Name	Height	Root	Mix Percentage
Corylus avellana	40-60	B	4.00
Crataegus laevigata	40-60	B	8.00
Crataegus monogyna	40-60	B	3.00
Ilex aquifolium	40-60	B	4.00
Pinus apicea	40-60	B	8.00
Rosa carolina	40-60	B	2.00

Proposed Tree Planting

Plant Name	Height	Root
Acer campestre	175-200	RB
Acer platanoides	175-200	RB
Betula emerus	175-200	RB
Betula pendula	175-200	RB
Fagus sylvatica	175-200	RB
Fraxinus excelsior	175-200	RB
Pinus avium	175-200	RB
Pinus pedis	175-200	RB
Quercus robur	175-200	RB
Quercus robur	175-200	RB
Sorbus aucuparia	175-200	RB

07/2407/1-3

REV	DESCRIPTION	DATE	REV	DESCRIPTION	DATE
A	Site boundary updated. Proposed planting shown within the site boundary only	31.07.07			

PROJECT
Wynyard - HS120

DRAWING TITLE
Landscape Masterplan

DRAWING No.
2406D-01 Rev A

SCALE (A1)
1:2000

DATE
25.05.07

DRAWN
CB

CHKD
SLL

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