

SUPERSEDED

SOFTWARES SPECIFICATION

GENERAL

All planting and landscape operations to comply with "Recommendations for General Landscape Operations" BS4428 (1989).
Plant material is to comply with the National Planting Specification.

PREPARATION WITHIN THE CROWN SPREAD OF EXISTING TREES

Remove weeds and existing vegetation by hand digging. Retain existing topsoil and cultivate by hand with no greater change of level than 100mm. Proposed planting to be spaced to avoid damage to tree roots. Planting pits to be backfilled with fresh topsoil 75% and compost 25 % mix.

GENERAL PREPARATION

Break out any existing hard surfaces to the full depth of construction and excavate to allow full depth of topsoil and compost indicated below.
Finished levels of topsoil with mulch dressing to be 50mm above adjacent pavings and 150mm below D.P.C.

PREPARATION FOR REPLACEMENT PLANTING

Where existing planting is to be removed and replaced with new planting. Grub out existing roots to full depth and extent.
Particularly where conifers have been removed, replace existing topsoil with fresh site or imported topsoil which meets the specification below.

TOPSOIL

Imported topsoil to be Multipurpose quality topsoil as stated in BS3882:2007. If site topsoil is to be reused it must be equivalent to the Multipurpose quality in the BS. Devoid of stones and debris over 50mm dia and free from weeds, vegetation and other deleterious material. Do not use topsoil contaminated with oil or other materials poisonous to plants.
Topsoil depths: Shrub beds 450mm. Grass areas 150mm.

FERTILISER

All shrub beds to be top dressed with a slow release fertiliser such as Ficote 140 or similar. Applied to manufacturer's recommended rate.

COMPOST

Compost shall be well rotted manure, spent mushroom compost or matured peat free compost made from botanical residues. Graded particles of no larger than 12mm with substantial amount of organic fines and pH around 6.5. The product is to be free of physical contaminants, viable weed seeds and pathogens and shall be untreated by additives.
Shrub beds shall have a 50mm depth cultivated into the soil.

PLANTING SHRUBS

Shrub pits to be 150 mm wider than the container size or large enough to allow the full spread of bare root shrubs. Back fill with excavated material.

RABBIT PROTECTION - NATIVE MIXES

Shrubs and hedge - Supply 600mm high plastic shrub guards such as Acorn "Shelterguard Plus" for Shrubs 150-180mm diameter, and fix with single internal stake.

PLANTING ORNAMENTAL HEDGES

Plant hedge in a single row at 3 plants per linear metre. Planting pits to be 150 mm wider than the container size or large enough to allow the full spread of bare root shrubs. Back fill with excavated material.

PLANTING NATIVE HEDGES

Plant in double staggered rows 300mm apart, spacing 5/6 plants per linear metre. Planting trench to be 500 mm wide and 300mm deep. Back fill with excavated material and dress with slow release fertiliser. Cut back the height of the newly planted hedge immediately by 20% to encourage bushy growth from the base.

PLANTING TREES WITH FULL HEIGHT DOUBLE STAKES

Supports- Double full length minimum 75mm dia/sq. Position stakes close to the rootball and drive stakes at least 300mm into the bottom of the pit before planting. Cut off stake just below the lowest branch. Fit with crossbar and rubber webbing with cushion.
Planting - Excavate pit 150mm deeper and 500mm wider than the rootball. Break up base of pit. Backfill with 70% excavated material, 30% tree planting compost by volume. Dress with slow release fertiliser to manufacturer's recommendations.

TREE ROOT MANAGEMENT

Trees planted adjacent to public footpaths/highways or on site shallow services and utilities should have a linear root barrier fitted such as Greenleaf "Reroot" 600 or 1000 depending on the depth of the adjacent services. Install to manufacturer's recommendations. Tel 01424 717797.

WATERING

Immediately after planting, water all trees and shrubs thoroughly. Allow for watering to promote healthy growth throughout the maintenance period.

MULCH

Spread 75mm depth of good quality bark mulch 8-65mm in any dimension. Free from pests, disease, fungus, weeds, sticks, leaves and rubbish and rested for 90 days.

REPLACEMENTS

The landscape contractor carries a defects liability for 12 months following completion of the planting. He shall be required to replace any plants in the first growing season following planting, which are dead or dying.

TURF

Areas proposed for new grass to be treated with suitable herbicide and cultivated, levelled and stones etc removed. Turf to be laid in spring or autumn and a suitable irrigation system made available throughout the establishment period. Seed mix to be British Seedhouses R2 Lowland Meadow, suitable for moist soils, to encourage insects and birds. Sown @ 3-5gm/m². The contractor is to maintain the grass until the end of the Defects Liability Period.

GRASS SEEDING AREAS

Areas proposed for new grass to be treated with suitable herbicide and cultivated, levelled and stones etc removed. Ground to be cultivated to a fine tilth and treated with an application of pre-seeding fertiliser N:P:K 6:9:6. Areas to be seeded in spring or autumn and a suitable irrigation system made available throughout the establishment period. Seed mix to be British Seedhouses A19 or similar mix of 30% Perennial Ryegrass, 40% Creeping Red fescue, 25% Chewings Fescue, 5% Browntop Bent, @ 20-25gm/m². The contractor is to maintain the grass until the end of the Defects Liability Period.

SPECIES RICH GRASSLAND

Areas proposed for new grass to be treated with suitable herbicide and cultivated, levelled and stones etc removed. Ground to be cultivated to a reasonably fine tilth. Areas to be seeded in spring or autumn and a suitable irrigation system made available throughout the establishment period. Seed mix to be British Seedhouses R2 Lowland Meadow, suitable for moist soils, to encourage insects and birds. Sown @ 3-5gm/m². The contractor is to maintain the grass until the end of the Defects Liability Period.

IMPLEMENTATION TIMETABLE

Soft landscape works to be implemented in the first suitable growing season following completion of the construction works.

- BARE ROOT AND ROOT BALLED PLANTS** - November to March
- CONTAINER GROWN PLANTS** - as above, or at any time if ground and weather conditions are favourable, and a water supply is available for watering in prolonged periods of warm, dry weather.
- GRASS SEEDING** - April to October, if ground and weather conditions are favourable, or a water supply is available for watering, if required.
- TURFING** - at any time, but preferably Autumn. A water supply must be available in Spring and Summer.

12 MONTHS MAINTENANCE FOLLOWING PRACTICAL COMPLETION OF THE LANDSCAPE WORKS.

The Contractor shall decide the frequency of visits to promote healthy growth and development.

REPLACEMENTS

The landscape contractor carries a defects liability for 12 months following completion of the planting. Replace any dead or dying plants in the first growing season following planting.

WEEDING - ORNAMENTAL BEDS

Maintain the planting beds weed free by hand or suitable herbicide treatment.

WEEDING - NATIVE MIX PLANTING

Maintain minimum 600mm diameter weed free area around each plant using a suitable non-residual herbicide treatment.

WATERING

Allow for watering as required to promote healthy plant growth. Access to water supplied by the Employer.

TREE STAKES AND TIES

Check stakes and ties for chafing and stability at each maintenance visit.

MULCH

Top up mulch to original specified depth at the end of the maintenance period

ORNAMENTAL HEDGE

Objective - dense hedge to 1200mm high. Trim twice yearly once the hedge had reached 1000mm high.

NATIVE HEDGE

Objective - dense hedge to 1800mm high. Trim twice yearly once the hedge had reached 1000mm high.

PRUNING

Prune as necessary to control lateral growth, remove dead or diseased plant material, and to promote natural shape. Do not use a hedge trimmer to prune shrubs.

DISEASE

Monitor all planting for disease and treat as necessary.

MOWN GRASS

Apply slow release fertiliser in spring and autumn.
Water to promote healthy growth.
Grass areas which fall are to be cultivated and reseeded/returfed.
Maximum height of grass at any time - 75mm
Cut as and when necessary to a height of 25mm. Remove arisings.
Make good areas of settlement.

SPECIES RICH GRASS

Autumn Sown (First Year) Remove clippings
March Cut to 40-70mm if there is sufficient material
May Cut to 40-70mm in early May
September Cut to 40-70mm after flowering.

Spring Sown (First Year) Remove clippings
6wks after sowing Cut to 40-70mm if there is sufficient material
May Cut to 40-70mm in early May if sufficient material
September Cut to 40-70mm after flowering.

Maintenance thereafter Remove clippings
March/April Cut to 40-70mm to remove excess grass
September/October Cut to 40-70mm after flowering.

Autumn Sown (First Year) Remove clippings
6wks after sowing Cut to 40-70mm if there is sufficient material
May Cut to 40-70mm in early May if sufficient material
September Cut to 40-70mm after flowering.

Maintenance thereafter Remove clippings
March/April Cut to 40-70mm to remove excess grass
September/October Cut to 40-70mm after flowering.

PLANTING

TREES

Number

12 No.

5 No.

14 No.

11 No.

7 No.

5 No.

283 No.

17 No.

5 No.

2 No.

4 No.

11 No.

14 No.

13 No.

8 No.

11 No.

6 No.

3 No.

Total :411 No.

SHRUBS

Number

59 No.

31 No.

313 No.

73 No.

20 No.

76 No.

157 No.

50 No.

80 No.

886 No.

323 No.

618 No.

7 No.

545 No.

27 No.

250 No.

37 No.

80 No.

30 No.

54 No.

501 No.

147 No.

84 No.

67 No.

20 No.

71 No.

122 No.

189 No.

50 No.

157 No.

87 No.

43 No.

122 No.

258 No.

71 No.

235 No.

75 No.

22 No.

35 No.

80 No.

462 No.

142 No.

37 No.

80 No.

7 No.

10 No.

48 No.

60 No.

32 No.

298 No.

44 No.

80 No.

40 No.

60 No.

Total :8236 No.

ACCAME	Acer campestre 'Elsrijk'	10-12cm	300-350cm	Selected Standard	Clear Stem 175-200	2x: RB	Counted
AMEGRRH	Amelanchier x grandiflora 'Robin Hill'	10-12cm	300-350cm	Selected Standard	4 brks: 2x: RB	Clear Stem 175-200cm	Counted
BETPE	Betula pendula	10-12cm	300-350cm	Selected Standard	4 brks: 2x: RB	Clear Stem 175-200cm	Counted
CRALAPS	Crataegus brevigata 'Paul's Scarlet'	10-12cm	300-350cm	Selected Standard	4 brks: 2x: RB	Clear Stem 175-200cm	Counted
CRAMON	Crataegus monogyna	10-12cm	300-350cm	Selected Standard	4 brks: 2x: RB	Clear Stem min. 200cm	Counted
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CRAPR	Crataegus x prunifolia	10-12cm	300-350cm	Selected Standard	4 brks: 2x: RB	Clear Stem 175-200cm	Counted
CRPRU	Crataegus pruinosa	10-12cm	300-350cm	Selected Standard	4 brks: 2x: RB	Clear Stem 175-200cm	Counted
PRUKA	Prunus 'Kanzan'	10-12cm	300-350cm	Selected Standard	4 brks: 2x: RB	Clear Stem 175-200cm	Counted
PRUSB	Prunus 'Sunset Boulevard'	10-12cm	300-350cm	Selected Standard	4 brks: 2x: RB	Clear Stem 175-200cm	Counted
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PRUSCH	Prunus laurocerasus 'Chanticleer'	10-12cm	300-350cm	Selected Standard	4 brks: 2x: RB	Clear Stem 175-200cm	Counted
QUE ROB	Quercus robur	10-12cm	30-3.5m	Clear Stem 175-200	Selected Standard	3/5 brks: 2x: RB	Counted
SORARLU	Sorbus aria 'Lutescens'	10-12cm	300-350cm	Selected Standard	4 brks: 2x: RB	Clear Stem 175-200cm	Counted
SORAUUC	Sorbus aria 'Lutescens'	10-12cm	300-350cm	Selected Standard	4 brks: 2x: RB	Clear Stem 175-200cm	Counted
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