

INSET DETAIL 1: SHRUB BED WITH Chunky Chip Longevity® available from Suffolk Woodchips Ltd BIODEGRADABLE "ECOTEX" - ECOTEX IS A BIODEGRADABLE SHEET MULCH - THIS IS AN IMPORTANT DESIGN CRITERION). NOT TO SCALE

The diagram illustrates the cross-section of a shrub bed. At the top, a jagged line represents the ground surface, labeled 'GRASS AREA'. Below this is a thick, hatched layer representing the mulch, with a dimension line indicating its depth as 400mm. Within the mulch layer, there are two circular features labeled 5 and 6. Below the mulch is a layer of soil, indicated by a dashed line and a dimension line showing 150mm. A plant with roots is shown growing through the mulch and into the soil. Callout 1 points to the mulch sheet, callout 2 points to the soil, callout 3 points to the grass area, callout 4 points to the plant, callout 5 points to the mulch sheet, and callout 6 points to the soil.

NOTES

- (1) Existing topsoil to be reintroduced to a depth of 400mm ensuring that the ground is completely broken up and is free draining, or ground preparation as specified within the site scheme, ensuring finished soil levels are 50mm below adjustment of grass surfaces. If soil is dry, water liberally, prior to laying sheet mulch.
- (2) Suitable biodegradable sheet mulch such as Hyflex 'Ecotex Multiraster' to be unrolled and placed in overlapping rows (provide minimum of 50mm), to be held by staking 200mm flap of material at the extreme edges of the shrub areas, and folding over to rest on sheet mulch specification). Tuck-in sheet on the opposite side of the proposed shrub area and fasten close to tuck with plastic pegs.
- (3) Suitable pegs hammerered in at 500mm centres to secure sheeting. Increase frequency to 300mm centres at edges to secure mulch at margins.
- (4) Supply and pit plant shrubs through sheeting. Refer to pit planting through sheet mulch specification.
- (5) "Coarse graded free-drained large wood chip mulch to be delivered from aging 34 months minimum such as Chunksy Chip Longevity® available from Suffolk Woodchips Ltd. Mulch to cover all of biodegradable fabric to a min depth of 50mm over all planted. Ensure finished levels are 15mm below adjacent turf or hard surfaces.
- N.B. (A) Do not use biodegradable mesh when slope greater than 1:3 without the use of gabion boards at 1 x 1.5m centres also contours to lie in the earth cover.
- (B) For gravel/ingle areas offer a non-biodegradable polypropylene woven fabric such as "Concretex" from Hyva UK Ltd. (01253) 720997. Cover the fabric with all over 40% of clean, washed, cream / buff coloured gravel, 20mm gravel, under otherwise stated in the key.

SPECIFICATION FOR HEDGE PLANTING

SPECIFICATION FOR NATIVE HEDGES e.g., Mixed native or single species such as *Carpinus betulus* & *Fagus sylvatica*.

Hedges containing native and semi-native plants in mixes shall be planted in two straight rows set 385mm apart at a density of 6 plants per linear metre. The two rows shall be placed in the centre of the bed and shall be offset so that the plants are alternate and not opposite each other.

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- Excising topped to be rebotted to a depth of 400mm ensuring that the ground is completely broken up and is free draining, crown preparation as specified within the measured works schedule, ensuring finished soil levels are 65mm below adjacent grass surfaces. If soil is dry water liberally, prior to laying sheet mulch.
- Specify biodegradable sheet mulch such as Hy-Lex Ecotex Multimat® to be unrolled and placed in overlapping rows (overall minimum of 50mm). To be held by burying 200mm flap of material at the extreme edges of the shrub area, and folding over to inset on sheet mulch specification). Tuck-in sheet on the opposite side of the proposed shrub area and fasten close to tuck with plastic pegs.
- Suitable pegs hammered in at 500mm centres to secure sheeting. Increase frequency to 300mm centres at edges to secure mulch at margins.
- Supply and pit plant shrubs through sheeting. Refer to pit planting through sheet mulch specification.
- "Coarse graded fine-to-fines large wood chip mulch to be darkened from aging (3-6 months minimum) such as Chunky Chip Longevity" available from Suffolk Woodchips Ltd. Mulch to cover all of biodegradable fabric to a min depth of 50mm once all planted. Ensure finished levels are 15mm below adjacent turf or hard surfaces.

N.B. (A) Do not use biodegradable straw mulch on slopes greater than 1:3 without the use of gravel boards at 1 : 1.5m centres along contours to retain the bark cover.
(B) For biodegradable areas utilize a non-biodegradable polypropylene woven fabric such as "Coverflex" from Hylax UK Ltd (01533) 720077. Cover the fabric all over with 40mm of dense, washed cream / half-coloured gravel, 20mm gravel, unless otherwise stated in the key.

SPECIFICATION FOR HEDGE PLANTING

SPECIFICATION FOR NATIVE HEDGES, e.g. Mixed native or single species such as *Carpinus betulus* & *Fagus sylvatica*.
Hedges containing native and semi-native planting in mixes shall be planted in two straight rows set 335mm apart at a density of 6 plants per linear metre. The two rows shall be placed in the centre of the bed and shall be offset so that the plants are alternate and not opposite each other. Plants to be open ground stock 600-900mm high.

SPECIFICATION FOR ORNAMENTAL HEDGE PLANTING - LARGE & MEDIUM GROWING SPECIES, e.g. *Osmanthus heterophyllus*, *Ligustrum ovalifolium*, *Viburnum tricus*, *Cotoneaster laurinus*, *Eucalyptus japonica*, *Ulmus parviflorus*, *Escallonia Apple Blossom* & *Griselinia littoralis*.

Hedges containing large ornamental species shall be planted in a single straight row at a density of 3 plants per linear metre. The row shall be placed in the centre of the bed. Hedge plants to be 3L container grown stock, 400-600mm height and spread unless otherwise stated.

SPECIFICATION FOR ORNAMENTAL HEDGE PLANTING - SMALL GROWING SPECIES, e.g. *Buxus sempervirens*, *Osmanthus delavayi*, *Laurencia spica* Tidocote, & *Eunonymus President Gaucher*.

Hedges containing small ornamental species shall be planted in a single straight row at a density of 3 plants per linear metre. The row shall be placed in the centre of the bed. Hedge plants to be 3L container grown stock, 300-400mm height and spread unless otherwise stated.

N.B. Hedges adjacent to gravel areas shall have the cultivated strip separated from gravel by a timber edging 75 x 25mm of ACQ treated timber stained with 3No. coats of Sadolin Classic colour Walnut (dark brown wood stain) according to specification.

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- Existing topsoil to be excavated to a depth of 400mm ensuring that the ground is completely broken up and is free draining. Ground preparation as specified within the measured works schedule, ensuring finished soil levels are 15mm below adjacent or grass surfaces. If soil is dry, water liberally prior to laying sheet mulch.
- Suitable biodegradable sheet mulch such as Hyflex 'Ecotex Mulch' to be unrolled and placed in overlapping rows (overlapping minimum of 50mm). To be laid by burying 200mm flap of material at the extreme edges of the shrub area, and folding over to meet on sheet mulch specification). Tuck in sheet on the opposite side of the proposed shrub area and fasten down to beds with plastic pegs.
- Suitable pegs, hammered in at 500mm centres to secure sheeting. Increase frequency to 300mm centres at edges to secure mulch at margins.
- Supply and pit plant shrubs through sheering. Refer to pit planting through sheet mulch specification.
- 'Compost graded free-of-fines large wood chip mulch to be delivered from aggrs (14 months minimum) such as Chunky Chip Longevity' available from Suffolk Woodchips Ltd. Mulch to cover all of biodegradable fabric to a min depth of 50mm once all planted. Ensure finished levels are 15mm below adjacent turf or hard surfaces.

N.B. (A) Do not use biodegradable sheet mulch on slopes greater than 1:3 without the use of gravel boards at 1 - 1.5m centres along contours to retain the tank cover.

(B) For gravel/bingle areas utilize a non-biodegradable polypropylene woven fabric such as "Covertex" from Hyflex U.K. Ltd. (01233) 720097. Cover the fabric all over with 40mm of clean, washed, cream / buff coloured gravel, 20mm gravel, unless otherwise stated in the key.

SPECIFICATION FOR HEDGE PLANTING

SPECIFICATION FOR NATIVE HEDGES: e.g. Mixed native or single species such as *Carpinus betulus* & *Fagus sylvatica*.

Hedges containing native and semi-native planting in mixes shall be planted in two straight rows set 35mm apart at a density of 6 plants per linear metre. The two rows shall be placed in the centre of the bed and shall be offset so that the plants are alternate and not opposite each other. Plants to be open ground stock 600-900mm high.

SPECIFICATION FOR ORNAMENTAL HEDGE PLANTING - LARGE & MEDIUM GROWING SPECIES: e.g. *Cornus heterophyllus*, *Ligustrum ovalifolium*, *Vitium tinus*, *Cotoneaster lucidus*, *Euonymus japonicus 'Aureomarginatus'*, *Escallonia 'Apple Blossom'* & *Griselinia littoralis*.

Hedges containing large ornamental species shall be planted in a single straight row at a density of 3 plants per linear metre. The row shall be placed in the centre of the bed. Hedge plants to be 3L container grown stock, 400-600mm height and spread unless otherwise stated.

SPECIFICATION FOR ORNAMENTAL HEDGE PLANTING - SMALL GROWING SPECIES: e.g. *Buxus sempervirens*, *Cornus alba*, *Laureola pinnatifida*, & *Euonymus 'President Gaullier'*.

Hedges containing small ornamental species shall be planted in a single straight row at a density of 3 plants per linear metre. The row shall be placed in the centre of the bed. Hedge plants to be 3L container grown stock, 300-400mm height and spread unless otherwise stated.

N.B. Hedges adjacent to gravel areas shall have the cultivated strip separated from gravel by a timber edge 75 x 25mm of ACO treated timber stained with 3co. coats of Sadelin 'Classic' colour 'Walnut' (dark brown wood stain) according to specification.



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