GROUND PREPARATION AND PLANTING - TREES

Dig pit 1200 x 1200 x 1000mm depth. Base and sides of tree pits to be thoroughly broken up to a further depth of 150mm prior to backfilling with a mixture of 5 parts approved quality topsoil to 1 peat free tree planting and mulch compost.
Where there is evidence of poor drainage, the bottom 150mm of the pit will be filled with clean, washed gravel.

Tree to be double long staked and double tied with rubber ties and cushions. Provide Spiral rabbit proof shelter by Acorn Planting products tel 01508 528763 or similar Size/Colour: 75mm dia, 600mm high - brown with single bamboo cane. Ensure that protection methods do not impede the natural movement of plants or restrict growth.

Provide 1M radius weed free zone to newly planted trees and provide bark mulch 60mm depth.

GROUND PREPARATION AND PLANTING - HEDGES AND SHRUBS
Hedge trenches to be min 1500mm wide x 650mm depth. Base of trench to be thoroughly broken up to a depth of 150mm prior to backfilling with a mixture of 5 parts approved top soil to BS3882:2007 to 1 part peat free tree planting and mulching compost.

Shrub planting; prepare beds as above to their full width.

PLANTING: All shrub and hedge planting areas to have 650mm min top soil to BS3882:2007, pits 300 x 300 x 300mm.
Following planting cover planting beds with 50mm depth Bark mulch to beds medium grade 50mm thick.

Existing undisturbed surfaces to be cleared of vegetation using Glysophate herbicide or equal and approved under strict acccordance with manufacturer's recommendations and in compliance with COSH regulations. Ground preparation to comprise loosening of any areas of compaction prior to notch planting of transplants.

Following preparation, supply and plant the native tree / shrub edge mix as noted in schedule.

Backfill material; A previously prepared mixture of topsoil excavated from the pit and additional topsoil as required, together with: Compost/soil conditioner/ameliorant: 'Greentree' by Joseph Bentley Ltd, Barrow - on - Humber 01469 30501 at rate of 1:3 compost : top soil.

Water plants thoroughly immediately after planting, using a fine rose or sprinkler where necessary to avoid damaging plants.

Areas to be enclosed with rabbit proof fence fixed with post and wire. All plants to be treated with Alginure root dip immediately prior to planting and to receive 70 gms Enmag slow release fertiliser at time of planting. Keep planting areas weed free within 600mm diameter around each plant for first five years of establishment with bark mulch and firm in up to completion. Then allow understorey to naturally develop below native structure planting areas.

PLANTING PROGRAMME;
Due to bare root stock planting to be undertaken within dormant period between End October and mid March within one year of completion of development.

MANAGEMENT RESPONSIBILITIES;
Management and maintenance of the planting within the first year will be the landscape contractor appointed as part of the overall construction works. This will form part of the construction contract with a 12 months defects on all planting and a requirement to undertake maintenance as noted below.
For years 2 and subsequent years a contract is required with a local Landscape Contractor specialising in Management to undertake the specification as noted in brief below

PLANTING MAINTENANCE GENERALLY:
- Keep planting beds clear of weeds, by hand cultivation during the maintenance period. Perennial weeds shall be spot treated with translocating herbicide (eg. Roundup) during the maintenance period, following manufacturer's guidelines, protecting shrubs and trees completely from contact. Fork over beds as necessary to keep soil loose, with gentle cambers and no hollows, taking care not to reduce depth or effect of mulch.
- Ensure that hedge shrubs are not damaged by the use of mowers, nylon filament rotary cutters and similar powered tools.
- Every visit check condition the surface of the planting pit is to be kept free of weeds and grass, for an area 900mm in diameter. Ensure soil firm to pits. Top up bark Mulch where less than 50mm depth.

FERTILIZER: For years 1-3 all hedges shall received 'Enmag' fertilizer at 50g per square metre in late April and 'Ficote 140' (or similar approved) at 50g per square metre in September.

WATERING: The contractor shall allow for adequate watering in of all newly planted trees and shrubs etc. and keep the plant material well watered during the maintenance period.

MAINTENANCE VISITS:
Visit site once a month within in first year of planting though this may require to be increased for watering if establishment of plants. For subsequent years visiting once a month between March and November remove weeds / litter and to check stability of tree and structure planting. If pruning is required it will be undertaken as set out below.
Every visit check condition of stakes, ties, guys and guards. Replace broken or missing items. Adjust if necessary to allow for growth and prevent rubbing of bark. Cut back any damaged bark, suckers and dead wood removed.

PRUNING: Prune at appropriate times, to remove dead or dying and diseased wood and suckers, to promote healthy growth and natural shape and retain heights of hedges as appropriate.
Pruning timescale;
March; Cornus hard prune to base every other year.
Late August / Sept; , Lavandula, Nepeta, Rosmarinus- prune to shape back to last years growth.
Achillea, Crocosmia, Festuca, Geranium, Leucanthemum, Hebe, Phormium, Rudbeckia, Salvia, Sedum - remove flowered stems, old leaves, broken branches and dead matter.

Pruning of hedges, trees and woodland edge planting should not be undertaken between March and late August due to nesting season.

Boundary Hedges - Prune only as required to keep height to 1.8 - 2.0ms and sides on shape. Undertake Late Autumn - Winter.

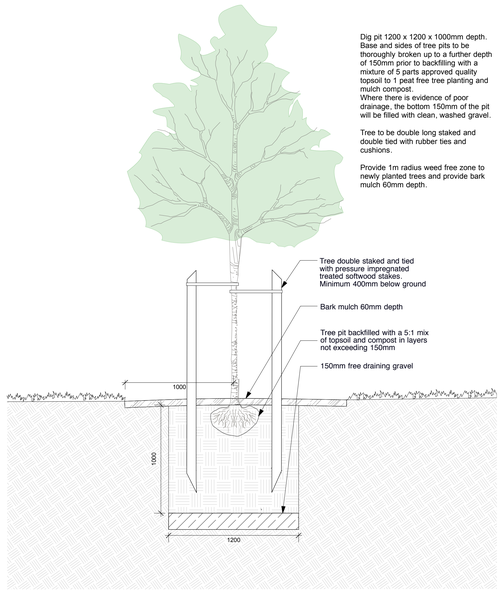
April and September - inspect trees for any damage and prune back as necessary.

FAILURES OF PLANTING:
Any trees/shrubs/plants that have failed to thrive will be replaced within first five year period.

CLEANLINESS: At completion and at each visit, remove soil and other debris from all hard surfaces and grassed areas and leave the works in a clean tidy condition.

MAINTENANCE FOR ALL OTHER GRASSLAND AREAS - MEADOW GRASS .
First cut to 75mm March/April
Hay cut September to around 50mm height
Leave 'Hay for 1 - 7 days then remove all arisings
Cut through until late autumn to 50mm height.
Do not cut these grassland areas in May or Mid June to prevent disturbing nesting birds.

Species	No.	Size	Spacing	Notes
Trees				
Acer platanoides 'Crimson King'	5	16-18cm girth	As shown	Root Ball
Amelanchier lamarckii	10	16-18cm girth	As shown	Root Ball
Crataegus laevigata	4	16-18cm girth	As shown	Root Ball
Quercus ilex	4	16-18cm girth	As shown	Root Ball
Sorbus aucuparia	8	16-18cm girth	As shown	Root Ball
Sorbus aria	4	16-18cm girth	As shown	Root Ball
Tilia cordata	6	16-18cm girth	As shown	Root Ball
Native Hedge				
Carpinus betulus	135LnM	80-100cm 1+2	400 centres, 3 rows @ 450	Bare root
Native Hedge -188LnM	290LnM			
Carpinus betulus	5%	80-100cm 1+2	400 centres, 3 rows @ 450	Bare root
Corylus avellana	5%	80-100cm 1+2	400 centres, 3 rows @ 450	Bare root
Crataegus monogyna	50%	80-100cm 1+2	400 centres, 3 rows @ 450	Bare root
Fagus sylvatica	5%	80-100cm 1+2	400 centres, 3 rows @ 450	Bare root
Ilex aquifolium	5%	80-100cm 1+2	400 centres, 3 rows @ 450	Bare root
Prunus spinosa	10%	80-100cm 1+2	400 centres, 3 rows @ 450	Bare root
Rosa canina	5%	3 ltr pot 60-80cm	400 centres, 3 rows @ 450	Pot grown
Sambucus nigra	5%	80-100cm 1+2	400 centres, 3 rows @ 450	Bare root
Salix caprea	5%	80-100cm 1+2	400 centres, 3 rows @ 450	Bare root
Taxus baccata	5%	80-100cm 1+2	400 centres, 3 rows @ 450	Bare root
Shrubs & Herbacious				
Achillea 'Coronation Gold'		2L	6/m2	Pot grown
Cornus alba		5L	3/m2	Pot grown
Crocosmia 'Lucifer'		2L	6/m2	Pot grown
Festuca 'glauca'		2L	6/m2	Pot grown
Geranium 'Ann Folkard'		2L	3/m2	Pot grown
Geranium 'Orion'		5L	4/m2	Pot grown
Hebe 'Autumn Glory'		2L	4/m2	Pot grown
Lavandula angustifolia		5L	6/m2	Pot grown
Leucanthemum x superbum		2L	6/m2	Pot grown
Nepeta x fassenii		5L	4/m2	Pot grown
Phormium 'Bronze Baby'		5L	4/m2	Pot grown
Phormium tenax		5L	4/m2	Pot grown
Phormium 'Yellow Wave'		5L	4/m2	Pot grown
Rosmarinus officinalis		5L	4/m2	Pot grown
Rudbeckia fulgida 'Goldstrum'		2L	6/m2	Pot grown
Salvia nemorosa		2L	6/m2	Pot grown
Sedum spectabile 'Autumn Joy'		2L	6/m2	Pot grown





Daily Henderson
Scotia Works
Leadmill Road
Sheffield S1 4SE
Tel: 0114 241 2730
info@dailyhenderson.co.uk
www.dailyhenderson.co.uk

rev	date	details

Client	D J Atkinson Construction
Project	King Street Elsecar
Drawing	Planting Plan
Scale	1:200/20@A1
Date	30/09/16
Dwg. No.	520 - 0001