



KEY:

- Site Boundary
- Existing Trees
- Proposed Tree Planting
- Proposed Beech Hedge
- Grassland Meadow
- Lawn
- Pond Retained as Existing
- Ornamental Shrubs
- Ornamental Shrubs (Shade Tolerant)
- Ornamental Shrubs
- Tarmac Retained/ Replaced
- Tarmac Footway Retained
- Existing Retaining Wall Retained
- Existing Low Retaining Wall Retained



Bat Box
Wildcare Eco Crevice / Cavity Bat Box
To be hung at a minimum height of 3m facing between the south or southwest.



Bird Box
Vivara Pro Seville 28mm Woodstone Nest Box
Pole Mounted at a minimum height of 2m facing between northeast and southeast

IMPLEMENTATION PROGRAMME:
First planting season following construction

LANDSCAPE MANAGEMENT:
Site Owner to implement 5-year management plan to cover the following regular, seasonal and annual maintenance operations:

Trees:
Water monthly April to September in periods of drought
Inspect trees annually in winter
Undertake formative pruning of young trees to encourage good growth and shape - As required.
Following strong winds, re-firm base and check tree stakes for stability. - As required
Check tree ties on new tree planting and replace/loosen/remove as necessary
Apply slow release fertiliser to base of each tree; 50g per new tree. - Annual, Mar-Apr

Shrubs:
Remove litter
Water monthly April to September in periods of drought
Maintain plant beds weed free
Remove dead plants
Trim planting to prevent encroachment onto paths
Prune planting clear of all signage and sightlines
Prune beech hedges once annually
Firm up rocked plants
Eradicate any occurrence of Japanese Knotweed

Meadow Grass
Cut twice annually in spring and autumn
Remove litter

Plant failures
Replace any dead plants in following planting season (Nov - Mar).

Ornamental Mix A: 39m2

| Abbrev. | Name | Height cm | Root Zone | Specification | Mix % | No./m ² | Number |
|-------------|--|-----------|-----------|---------------|-------|--------------------|--------|
| B pu | Bergenia purpurascens | | 2L | Full pot | 10 | 5 | 20 |
| C x a 'K F' | Calamagrostis x acutiflora 'Karl Foerster' | | 2L | Full pot | 5 | 4 | 8 |
| C 'A P' | Choisya 'Aztec Pearl' | 30-40 | 5L | Bushy; 6 brks | 15 | 2 | 12 |
| E c 'H D' | Euphorbia characias 'Humpty Dumpty' | | 3L | Full pot | 15 | 4 | 23 |
| H 'W G' | Hebe 'White Gem' | 30-40 | 5-7.5L | Bushy; 7 brks | 20 | 2 | 16 |
| H cal | Hypericum calycinum | 20-30 | 2L | Bushy; 6 brks | 15 | 4 | 23 |
| S j 'R' | Skimmia japonica 'Rubella' | 30-40 | 5L | Bushy; 4 brks | 15 | 3 | 18 |
| S te | Stipa tenuifolia | | 2L | Full pot | 5 | 3 | 6 |
| Sub-totals | | | | | 100% | | 126 |

Ornamental Mix B - Shade Tolerant Mix: 230m2

| Abbrev. | Name | Height cm | Root Zone | Specification | Mix % | No./m ² | Number |
|-------------|--------------------------------------|-----------|-----------|--|-------|--------------------|--------|
| A p 'V' | Aegopodium podagraria 'Variegatum' | | 2L | Full pot | 10 | 4 | 92 |
| A nem | Anemone nemorosa | | 1L | Full pot | 15 | 1 | 35 |
| B s | Blechnum spicant | | 1.5-2L | Full pot | 10 | 4 | 92 |
| B se 'S' | Buxus sempervirens 'Suffruticosa' | 10-15 | 2L | Bushy; 6 brks | 10 | 7 | 161 |
| C v | Calluna vulgaris | | 2L | Bushy | 10 | 6 | 138 |
| G x o 'W P' | Geranium x oxonianum 'Wargrave Pink' | | 2L | Full pot | 15 | 4 | 138 |
| L pll | Luzula pilosa | | 2L | Full pot Sept to April planting; British native-origin | 10 | 5 | 115 |
| P vu | Polypodium vulgare | | 1.5-2L | Full pot | 10 | 4 | 92 |
| S hu | Sarcococca humilis | 20-25 | 2L | Bushy; 4 brks | 10 | 4 | 92 |
| Sub-totals | | | | | 100% | | 955 |

Ornamental Mix C - Herbal Mix: 28m2

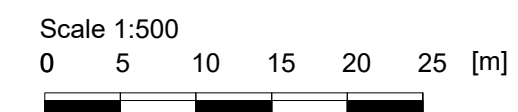
| Abbrev. | Name | Height cm | Root Zone | Specification | Mix % | No./m ² | Number |
|--------------|---|-----------|-----------|---------------|-------|--------------------|--------|
| Fo v 'P' | Foeniculum vulgare 'Purpureum' | | 2L | Full pot | 10 | 4 | 11 |
| L an 'H' | Lavandula angustifolia 'Hidcole' | 15-20 | 2L | Bushy; 5 brks | 30 | 4 | 34 |
| R of 'M J U' | Rosmarinus officinalis 'Miss Jessopp's Upright' | 20-30 | 2L | Bushy; 3 brks | 30 | 4 | 34 |
| S glg | Stipa gigantea | | 2L | Full pot | 10 | 3 | 8 |
| T se | Thymus serpyllum | | 2L | Full pot | 20 | 5 | 28 |
| Sub-totals | | | | | 100% | | 115 |

Trees

| Abbrev. | Name | Girth/Dia. cm | Height cm | Root Zone | Specification | m Ctrs | Number |
|-------------|---------------------------------------|---------------|-----------|-----------|--|---------|--------|
| A ca | Acer campestre | 14-16 | 400-450 | RB | 3x; EHS; clear stem min. 200cm; 5 brks | Counted | 2 |
| C mon | Crataegus monogyna | 14-16 | 400-450 | RB | 3x; EHS; clear stem 175-200cm; 5 brks | Counted | 4 |
| M d 'C O P' | Malus domestica 'Cox's Orange Pippin' | 10-12 | 300-350 | B | 2x; SS; clear stem 175-200cm; 4 brks | Counted | 2 |
| M sy | Malus sylvestris | 14-16 | 400-450 | RB | 3x; EHS; clear stem 175-200cm; 5 brks | Counted | 3 |
| P av | Prunus avium | 14-16 | 400-450 | RB | 3x; EHS; clear stem 175-200cm; 5 brks | Counted | 1 |
| P d 'V' | Prunus domestica 'Victoria' | 10-12 | 300-350 | B | 2x; SS; clear stem 175-200cm; 4 brks | Counted | 1 |
| S auc | Sorbus aucuparia | 16-18 | 400-450 | RB | 3x; EHS; clear stem min. 200cm | Counted | 4 |
| Sub-totals | | | | | | | 17 |

Beech Hedge

| Abbrev. | Name | Girth/Dia. cm | Height cm | Root Zone | Specification | No./m | Length m | Number |
|------------------------|-----------------|---------------|-----------|-----------|-------------------------------|-------|----------|--------|
| F s | Fagus sylvatica | | 60-80 | B | 1+2; Transplant - seed raised | 3 | 90 | 270 |
| No. of rows : Offset m | | | | | | 1 | | |
| Sub-totals | | | | | | | | 270 |



OUTLINE SPECIFICATION:

GENERAL
All works to be in accordance all relevant British Standards and the Landscape Consultant's planting plans and specification (to be issued) and in compliance with the National Landscape Specification (NLS) 1998, latest revision.

SETTING OUT
All dimensions and levels should be checked and adjusted on site. Contractor responsible for care around all services. Do not scale from this drawing.

SITE PREPARATION
Building rubble in excess of 50mm dimension to be removed, compaction ripped 150mm deep or broken out by JCB back-actor leaving surface rough. Ensure free drainage.

TOPSOIL
Multipurpose topsoil BS:3882 medium loam, not more than slightly stoney, pH 5.7-7.5.
Depth 450mm all planting areas. 150mm to all other areas.
Provide Declaration of Analysis of topsoil to Employer's Agent.

TOPSOIL - MEADOW
Specific purpose topsoil to BS:3882, low fertility, 150mm depth to be used. Supplier to provide certification of testing.

TREE PIT
Transplants 300mmØ x 300mm depth
Select Standard 1200mmØ x 750mm depth
Extra Heavy Standard 1200mmØ x 750mm depth

PREPARATORY HERBICIDE
Weed allowed to grow and treated with up to three applications of weed killer prior to cultivation or planting during the fallow period.

GRASSING
Grassing between April-October.
Cultivate to prepare seed bed. Finished seed bed levels 25mm above pavings and kerb edges. Stones pick to 25mm.
Pre-seeding fertiliser 50g/m². Grass mix chosen for low maintenance requirements:-
GRASS SEED MIX from DLF Trifolium Tel: 01386 791102:
LAWN 'Pro 50 Quality lawn (with Ryegrass)'
MEADOW: Pro flora 8 'Legacy Country Meadow' (General Purpose)

PLANTS
General
Plant material in accordance with the HTA's National Plant Specification 1997. All plants container grown, well formed and free from disease. Plant handling to CPSE Plant Handling Code.

Quality as supplied by:
Johnsons of Whitley Ltd, York YO26 8AQ. Tel: 01423 330234.
Or other nursery listed in the Horticultural Trades Association Nursery Certification Scheme.

Planting
Plant November to March.
Planting areas cultivated 150 mm deep and stone picked of material greater than 50mm. Plant material pit planted 300 x 300 x 200 minimum. Approved planting compost incorporated into the soil during planting.

| Backfill mix | Enmag | P4 | Compost |
|----------------------|-------|-----|-----------|
| Shrubs | 35g | 5g | 10 litres |
| Transplants | 35g | 5g | 10 litres |
| Select Standard | 75g | 50g | 75 litres |
| Extra Heavy Standard | 75g | 50g | 75 litres |

Backfill mix (30%) incorporated into topsoil (70%) during planting.

TRANSPLANT / HEDGE STAKING AND SPIRAL GUARDS
60cm x 38mm Biodegradable Spiral Guard. Secured with 100cm Bamboo cane driven at least 30cm into the ground.

TREE STAKING
Select Standard/ Extra Heavy Standard -Short Double Staking Preserved softwood 100mm min diameter. Driven vertically 450mm into base of pit on either side. Cross bar - timber, as stake. Secured with rubber J Tom's 37.5mm wide standard nylon reinforced rubberbelt ref L2 ties including rubber spacer pads ref L1.

MULCH
Total cover coarse bark mulch to shrub areas, Melcourt Bark Nuggets 75mm deep.

AFTERCARE
24 months aftercare by planting contractor. Including grass and meadow cutting, weed, pest and disease control, pruning and watering. Weed control by residual herbicide or hand weeding as necessary to achieve a weed free condition. Watering in periods of drought to ensure establishment and continued thriving of planting.

DEFECTS LIABILITY
Twenty-four months on plant material and grass. Replacements in November in year of loss.

FOR PLANNING

WEDDLES

MAIL@WEDDLES.CO.UK LANDSCAPE
WEDDLES.CO.UK ARBORICULTURE
0114 250 1181 GARDEN DESIGN
UNIT 4 WESTBROOK COURT ECOLOGY
SHEFFIELD, S11 8YZ

Job **ROCKLEY DENE, BARNSELEY**

Title **BIODIVERSITY ENHANCEMENT PLAN**

| scale@A3 | drawn | date | drawing number | revision |
|----------|-------|---------|----------------|----------|
| 1:500 | IG | JULY 25 | 1793-007 | - |