

| Native Status | No. | %   | Species             | Height   | Specification                                         |
|---------------|-----|-----|---------------------|----------|-------------------------------------------------------|
|               | 28  | 5%  | Acer campestre      | 60-80cm  | +1: Transplant-seed raised :B                         |
|               | 28  | 5%  | Cornus sanguinea    | 60-80cm  | +1: Transplant-seed raised :Branched :3 brks :B       |
|               | 143 | 25% | Corylus avellana    | 80-100cm | +1: Transplant-seed raised :4 brks :B                 |
|               | 143 | 25% | Crataegus laevigata | 60-80cm  | +2: Transplant-seed raised :Branched :3 brks :B       |
|               | 143 | 25% | Prunus spinosa      | 60-80cm  | +1: Transplant-seed raised :Branched :3 brks :B       |
|               | 143 | 25% | Rhamnus cathartica  | 60-80cm  | +1: Transplant-seed raised :Provenance UK Area 403 :B |
|               | 28  | 5%  | Rosa canina         | 60-80cm  | +1: Seeding - undercut :B                             |
|               | 28  | 5%  | Sambucus nigra      | 60-80cm  | +1: Transplant-seed raised :Branched :3 brks :B       |
|               | 28  | 5%  | Viburnum opulus     | 60-80cm  | +1: Transplant-seed raised :Branched :3 brks :B       |
| Total:        | 568 |     |                     |          |                                                       |

Total Area: 6382m<sup>2</sup>  
Includes the Native Scrub planting  
and Regenerated Grassland areas  
(excluding path)

Area = 2532m<sup>2</sup>

Area = 936m<sup>2</sup>

|        |                            |     |
|--------|----------------------------|-----|
| 9 No.  | <i>Acer campestre</i>      | 5%  |
| 9 No.  | <i>Cornus sanguinea</i>    | 5%  |
| 37 No. | <i>Corylus avellana</i>    | 20% |
| 47 No. | <i>Crataegus laevigata</i> | 25% |
| 47 No. | <i>Prunus spinosa</i>      | 25% |
| 9 No.  | <i>Rhamnus cathartica</i>  | 5%  |
| 9 No.  | <i>Rosa canina</i>         | 5%  |
| 9 No.  | <i>Sambucus nigra</i>      | 5%  |
| 9 No.  | <i>Viburnum opulus</i>     | 5%  |

Area = 1687m<sup>2</sup>

The handling of plants to be in accordance with National Plant Specification 'Handling and Establishing Landscape Plants'.  
All plants and planting operations are to comply with the requirements and recommendations of all current relevant British Standard specification and landscape guidance including but not limited to:  
British Standards:

- Relevant Guidance:
- This Landscape Specification has been produced with reference to the following guidance:
  - Institute of Environmental Management and Assessment; and
  - National Plant Specification 'Handling and Establishing Landscape Plants'; and
  - Local Authority Guidance.

All planting to be carried out during appropriate climatic conditions and where possible in the optimal planting period October through until March. Existing topsoil and/or imported, clean/inert horticultural ameliorants from sustainable sources. Contractor to satisfy himself of measurements on site and the full extent of works before pricing.

Proposed planting may be restricted due to the presence of existing and proposed below and above ground services. Where services are present a reasonable safe distance for landscape contractors when undertaking planting works must be adhered to.

The Principal Contractor is responsible for accurately identifying all information in relation to existing services on site. This includes the accurate location of existing services and identification and agreement of associated easements required by each asset owner and will be shared with the landscape contractor prior to the commencement of landscape works.

Where existing ground vegetation is retained or has re-established during the construction phase, the following clearance works should be undertaken prior to any planting or seeding works:

- **Individual Tree Planting:** All grass and perennial vegetation within a 500mm radius of the base of each proposed tree should be cleared to ground level including all epicormic and below ground growth;
  - **Hedgehog Planting (including Hedgehog Tree Planting):** All grass and perennial vegetation within a 500mm offset each side of the proposed centre line and within a 250mm radius of each proposed tree should be cleared to ground level including all epicormic and below ground growth;
  - **Woodland Planting (including Wet Woodland Planting):** All grass and perennial vegetation within a 250mm radius of the base of each proposed tree should be cleared to ground level including all epicormic and below ground growth;
- **Native Shrub Planting (Including Woodland Edge and Wetland Shrub Planting):** All grass and perennial vegetation within a 250mm radius of the base of each proposed tree should be cleared to ground level including all epicormic and below ground growth;
- **All Wildflower and Grassland Seeding:** All grass and perennial vegetation should be cleared to ground level including epicormic and below ground growth;
  - **Native Areas:** Clear all rubbish and debris and stone pick all stones over 25mm diameter; and
  - **Arisings:** Removed from site.

There is a general presumption against the use of herbicides, pesticides and fertilisers due to the detrimental impact they can have on the environment. These should be restricted to essential tasks when other management methods are not feasible.

Where persistent weeds exist that would be detrimental to the establishment of the proposed planting and when other hand/machine weed control methods have not been successful, the area should be treated with two applications of selective broadleaf herbicide prior to planting and seeding.

Where necessary, care should be taken to avoid existing bulb and wildflowers and strictly in accordance with the Control of Pesticides Regulations 1986 (COPR) (as amended 1997) (or, otherwise, updated/superseded legislation) and following manufacturer's instructions for qualified staff.

Topsoil should be cultivated in-line with BS 3882: 2015 to a minimum of 400mm over all planting areas and to a fine till over all areas to be seeded and include basic levelling with levels graded to fall.

No additional / imported top soil is required for species rich grassland / meadow areas.

No cultivation should take place in wet/ waterlogged conditions and within the root protection areas of existing trees. Where necessary imported topsoil should be sustainably sourced and must be compliant with the BS 3882: 2015.

The following depths of cultivated topsoil (existing or imported) should be provided over the following areas:

- Semi-Mature Tree Pits: a minimum of 800mm
- Select Standard Tree Pits: a minimum of 500mm
- Shrub Planting Beds: A minimum of 400mm
- Grass Seeding & Lawn Turf: a minimum of 150mm

Imported topsoil must be BS 3882:2015 compliant and existing topsoil must be cultivated in accordance with BS 3882:2015 outside RPAs of existing trees. No cultivation should take place in well waterlogged conditions and within the RPAs of existing trees. Topsoil to be used in areas of uneven surfaces to make good levels to create a smooth level surface. Where topsoil is added under existing trees to fill depressions in the surface such additions should be no greater than 100mm depth in line with BS5837:2012

The handling of plants and planting operations should be in accordance with the requirements and recommendations set out in the relevant British Standards outlined in section 1.3 of this document. The supplier of any plant material to site should be listed in the Horticultural Trade Associations, Nursery Certificate Scheme.

All planting should be carried out during appropriate weather conditions and where possible during the optimal planting period of October through until the end of March.

Care should be taken to ensure the roots of bareroot specified trees and shrubs do not dry out prior to planting and should be planted as soon as possible after delivery. If it is not possible then rootballed and container grown plants should be specified and stored closed together with the ball or container covered with sand or a moist cloth to prevent drying out. Plant / Tree Handling, Storage and Transport to be carried out to CPSE 'Handling and establishing landscape plants' (obtainable from the Horticultural Trade Association) Part I, Part II and Part III, paragraphs 1.3.3 to 1.3.6, 3.0, and 4.0.

- Planting work to be carried out to CPSE Handing and establishing landscape plants' (obtained from the Horticultural Trades Association) Part III, paragraphs 6.2 to 6.6. Plant upright or well balanced with best side to front. Plants to be handled and dispatched in accordance with the National Plant Specification - Handling and establishment, with special reference to the following:
  - **Plants:** Protect bare root plants and frost susceptible plants;
  - **Handling:** Handle plants with care. Protect from mechanical damage and do not subject to shock, e.g. by dropping from a vehicle;
  - **Plant packaging:** Bare root plants to be sealed in co-extruded black and white polyethylene bags;
  - **Planting:** Upright or well balanced with best side to front.
- If plants suffer slight damage, they are to be carefully pruned. If major damage has occurred the plant shall be rejected and replaced at the Contractor's expense.
  - After delivery, if planting is not carried out immediately, root balled shrubs should be placed cheek to cheek and the root ball covered with sand peat or straw and watered to prevent drying out;
  - Bare-rooted plants should be heeled-in by spacing the roots in a prepared trench and covering them with top-soil, which should be watered thoroughly to eliminate air pockets around the roots; and
- For the purpose of the contract, the Contractor's responsibility for heeling in shall be the responsibility of the Contractor. If planting is delayed for more than a week after delivery, packaged plants shall be unpacked, the bundles opened up and each groups of plants heeled-in separately and clearly labelled

It is recommended that all staking and protection measure consist of biodegradable products where possible.

Should any non-biodegradable products be used, it is essential that these are removed in a timely manner following establishment and in-line with the landscape management plan.

All removed accessories should be disposed of responsibly.

All stakes, canes and other supports should be positioned on the windward side of the tree or shrub and driven in to the ground vertically.

**Standard Trees**  
All Standard Trees (SS) to be planted in pits 400 x 400 x 350 mm or dimension of the rooting area which ever is greater.  
Trees to be supported using a single stake 500mm above ground and biodegradable tie and rubber buffer to prevent excessive movement during establishment.  
Trees should be protected from animal damage using a suitable tree guard appropriate to the size of the tree. Guards should be biodegradable and pushed up to 2 cm into the ground.  
Soil improver and mycorrhizal treatment to be incorporated into the soil of a new tree pits before planting.  
Trees to be planted centrally within the tree pit.

All Transplant shrubs and trees within woodland, woodland edge, hedgerow and native shrub mixes should be staked in-line with BS 4428: 1989 using a single and appropriate biodegradable tie to prevent excessive movement during establishment.

All shrubs and trees should be protected from animal damage using a suitable spiral guard with a bushy formation to allow room for growth. Guards should be biodegradable and pushed up to 2cm into the ground.

Plants shall be notch planted into existing ground, randomly mixed throughout the beds and in single species groups of 1, 3 and 5. Planting shall be at the specified density. Plants to be supported by 1 no. cane and appropriate tie.

All wildflower and grass seeding areas to be harrowed or rake prior to seeding to produce a medium till, and roll, or tread to produce a firm surface. Seed to be evenly sown (preferably in autumn or spring) in overlapping sections either by hand or machine (where space and condition permit). Do not incorporate or cover the seed, but firm in with a roll or treading to give a good seed to soil contact.

All new tree and shrub plantings should be covered using a coarse bark mulch to a minimum depth of 75mm leaving the stem of the plant clear. The following mulch areas should be applied:

- Individual Tree Planting:
  - o Extra Heavy Standard Trees: minimum mulch area of 250mm radius from stem.
  - o Light Standard Trees: minimum mulch area of 200mm radius from stem.
- Woodland Planting (including Wet Woodland Planting): minimum mulch area of 250mm radius from stem;
- Hedgerow Planting (including trees): minimum mulch area of 500mm offset from the centreline of the proposed hedge; and
- Native Shrub Planting (including Woodland Edge Planting): minimum mulch area of 250mm radius from stem.

Do not scale from this drawing electronically or manually, use written dimension only.

All dimensions are in millimeters unless stated otherwise.

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**CDM 2015**

The Construction (Design and Management) Regulations 2015 (CDM 2015) makes a distinction between domestic and commercial clients and outlines the duties you, as client, have under Health and Safety Law (HSE).

These duties can be found at:  
<http://www.hse.gov.uk/construction/cdm/2015/responsibilities.html>

It is your responsibility as a client to make yourself aware of your roles and responsibilities under CDM 2015 and act accordingly.



Retained - Existing Grassland  
For grazing

Proposed - Mixed Scrub  
Consists of Regenerated Grassland & Native Scrub  
Total area: 0.64 ha



Proposed - Regenerated Grassland  
Naturally regenerated in scrub clearings



Proposed - Native Scrub  
Planted at 3m centres



Proposed Stock Fencing & Gates  
Gates installed at indicated locations