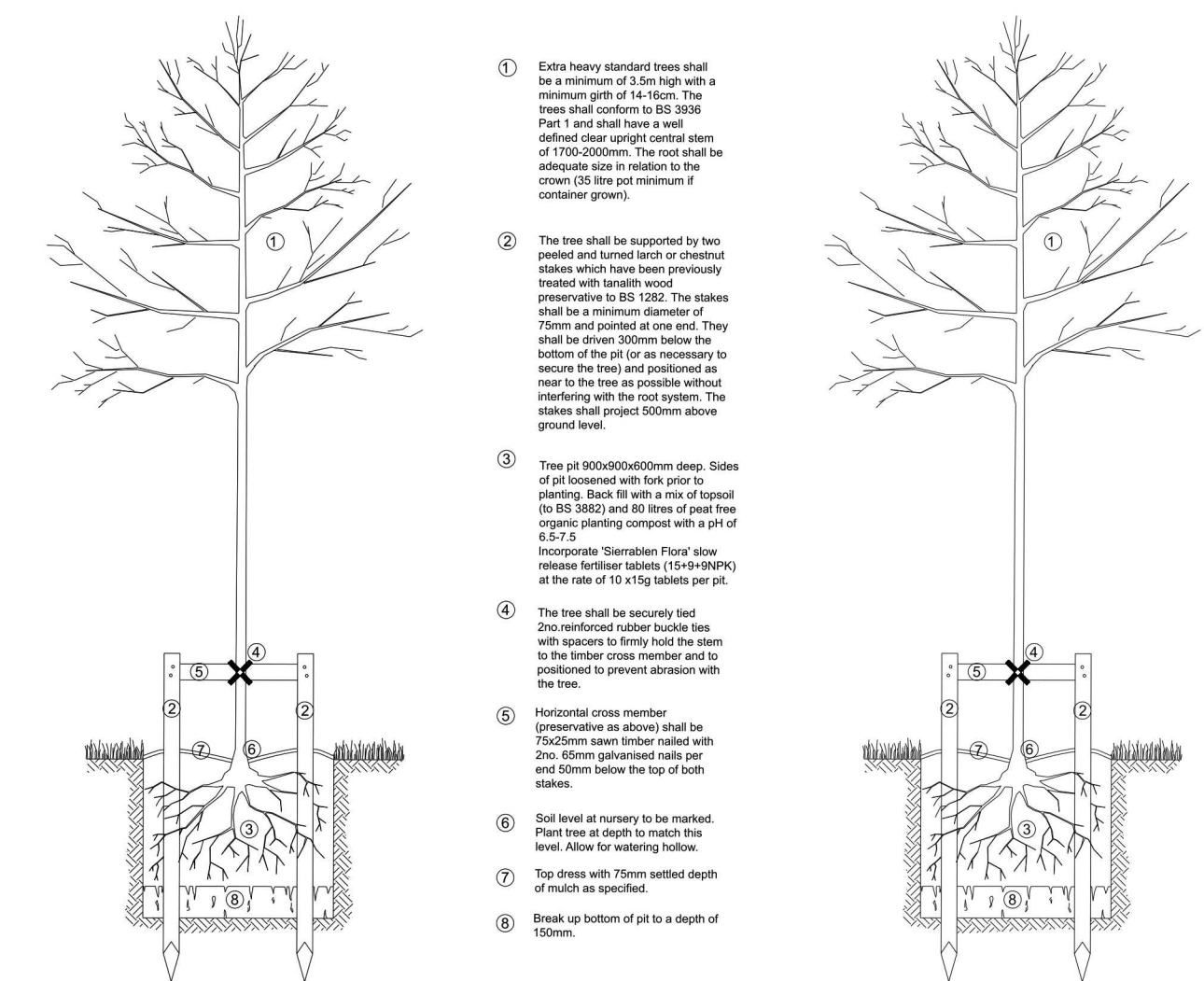
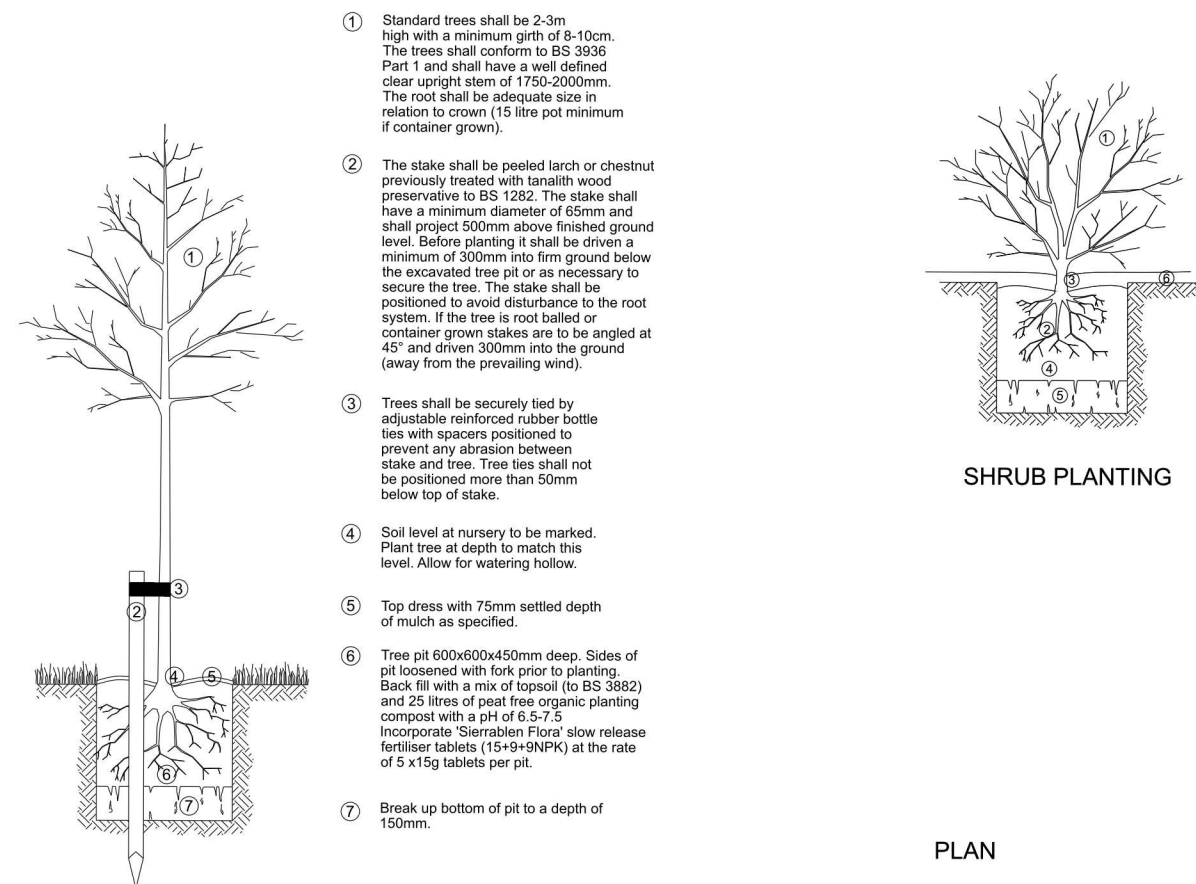


PLANTING SPECIFICATIONS

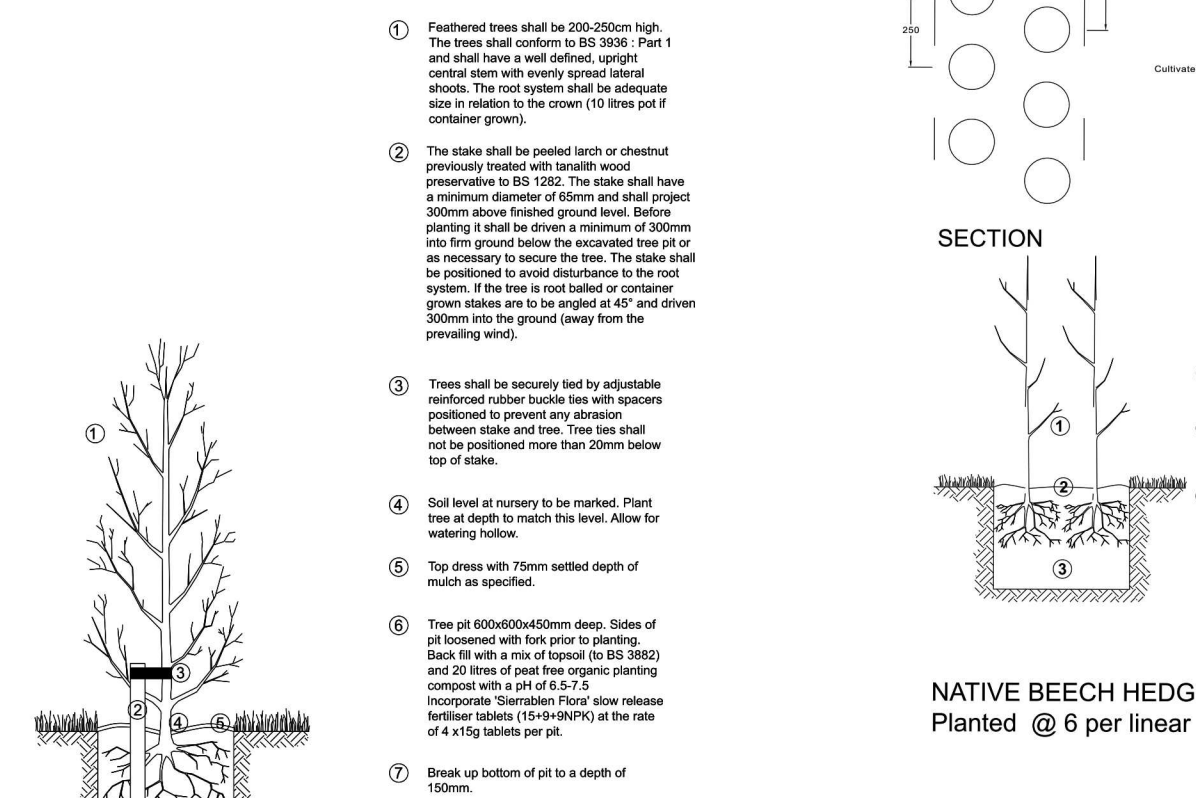


EXTRA HEAVY STANDARD TREE
14-16cm GIRTH

HEAVY STANDARD TREE
12-14cm GIRTH, 3-4m HIGH



SELECT STANDARD TREE
8-10cm GIRTH, 2-3m HIGH



FEATHERED TREE
200-250cm HIGH

PLANTING ESTABLISHMENT AND MAINTENANCE NOTES

1.0 GENERAL

- These outline specification notes are for guidance only.
- All works to be undertaken by a competent and qualified specialist landscape contractor.
- All hardworks (surface finishes and boundary features) to architects details.
- The contractor must verify the locations of all below ground services prior to tree planting and other works
- Existing trees and shrubs to be retained to be fenced in accordance with the provisions of BS5837 (Trees in Relation to Construction) prior to commencement of works.
- Trees, hedges and shrubs to be retained are to be protected and clearly marked on site.
- No spoil heaps, rubbish, machinery, plant or fuel to be stored in proximity to existing plants - in the case of trees this restriction extends to the spread of the tree canopy.
- Protective fencing to be maintained during site works.
- Works to be completed with reference to good practice guidance including the Horticultural Trades Association Guide to Plant Handling (HTA 2002) and DEFRA's Good Practice Guide for Handling Soils.

2.0 LANDSCAPE MANAGEMENT GENERAL

The overall objectives for the Management Plan are as follows:

- To ensure the successful planting operations, establishment and continued growth through to maturity of the trees, shrubs, hedgerows and groundcover planting for the benefits of the users and wildlife;
- To ensure that both the existing planting to the boundaries of the site integrate successfully in creating a succind and visual screen;
- To establish a functional and attractive landscape that welcomes visitors and contributes to the overall visual amenity and enjoyment of the site by users;
- To ensure best horticulture and health and safety practices at all times;
- To maintain and progress standards by thorough management procedures;
- To ensure the methods employed respect and encourage wildlife, wherever possible; and
- Defects in the landscape are identified early and addressed promptly.

3.0 THE SITE

The maintenance contractor is to visit the site and fully acquaint themselves with local conditions, the nature of the works and the state/condition of the ground, as they will be required to execute work upon it, the programme and manner of the works and all other matters affecting the proposed work.

Care is to be taken to avoid interference with the established levels and contours of the ground, and avoid damage to footpaths, roads, drains, manholes and any existing vegetation.

All work shall be carried out by experienced operatives holding relevant horticultural qualifications, training certificates, or under the supervision on site of such a person.

All works detailed in the following management plan shall be carried out in accordance with good horticultural practice, using materials, plant and machinery appropriate to the task, undertaken in such a manner that avoids damage and/or nuisance to the site and its surroundings.

The responsibility for maintaining and adhering to the standards of work lies with the maintenance contractor and these are to be maintained thoroughly. The maintenance contractor shall deal with any problems arising from dropping standards of maintenance raised by the owners and management team.

4.0 SOILS, CULTIVATION & MULCH

SOILS, CULTIVATION & MULCH IMPORTED OR EXISTING SITE SUBSOIL

- Used as a free draining subbase to topsoiled areas and a rooting substrate for deeper rooting plants.
- Subsoil to be approved by the CA prior to spreading topsoil.
- Subsoil to be friable, free draining, free from weeds and stone greater than 75mm in any dimension, free from phytotoxic compounds, waste, rubble, hazardous or other deleterious material.
- Base of planting beds to be existing approved subsoil broken up and thoroughly decompacked to minimum 300mm depth (or otherwise as necessary to ensure a free draining rooting medium) prior to placing topsoil.
- Where existing substrates are unsuitable as a subsoil, excavate and remove substrates and replace with an imported subsoil spread to 600mm settled depth.

IMPORTED OR SITE RECLAIMED TOPSOIL

- Used as a planting medium for trees, shrubs, turf and other plants.
- Imported topsoil to be an approved quality general purpose topsoil to BS 3882, free of weeds, stones, contamination and all deleterious material.
- Topsoil to be placed on friable, free draining subsoil.
- Topsoil to planting beds to be 400mm settled depth. Topsoil to turfed areas to be 150mm settled depth.
- Topsoil in new or replanted beds to be rotavated to 200mm depth to produce a medium tilth, incorporating 50mm depth Ecoplast soil conditioner (available from M & B Bark Supplies Ltd, tel: 01782 399 949) and ENMAG CRF slow release fertiliser at 60gms/m², or as manufacturers recommended rates for amenity planting (fertiliser available from Green Tech Tel: 01423 332100).
- Planting beds to be cleared of weedgrass growth prior to planting.
- All hedgerow, tree, shrub planting pits and planting areas to receive approved quality 'Amenity Bark Mulch' to 75mm settled depth after planting.
- (Bark mulch available from Melcourt Industries Limited Tel: 01666 502711).

5.0 ESTABLISHMENT MAINTENANCE & PLANT GUARANTEE

- All planting beds / tree pits to be kept in a weed free condition.
- Spot treat pernicious or noifiable weeds (e.g. thistle, nettle, dock, ragwort), with glyphosate based weedkiller appropriate to season and species (to be specified by the Contractor)
- Watering to be undertaken as necessary to ensure good establishment and growth of plants.
- Stakes and ties to be checked and adjusted regularly.
- Litter to be removed from planting beds.
- Pruning to be undertaken as necessary to ensure development of correct form and habit.
- Lawn areas to be maintained at approximately 25mm height.
- Groundcover planting to be cut back regularly along kerb lines and path edges.
- Wildflower seeded areas to be maintained and managed as recommended by the supplier.
- All planting and turfing to be subject to 12 month defects replacement guarantee period whereby all failed material to be replaced to original specification.
- Long term maintenance to comprise removal of tree stumps (circa year 3-5 after planting), crown pruning as necessary to maintain shape, removal of damaged or diseased branches and addition of slow release fertiliser in Year 2-3 after planting.

6.0 THE USE OF PESTICIDES & OTHER HAZARDOUS SUBSTANCES

The maintenance contractor's attention is drawn to the following statutes and regulations:

- The Food and Environment Protection Act (1985);
- The Control of Pesticides Regulations (1986);
- The Control of Substances Hazardous to Health Regulations (2002);
- The Environment Protection Act (1990).

It is the maintenance contractor's responsibility to ensure that they are fully conversant with the requirements of the foregoing legislation and other relevant Codes of Practice, British Standards, rules, guidelines or directives that relate to the use of hazardous materials.

All manufacturers' recommendations relating to application, storage, mixing and other safety precautions must be strictly adhered to, in the interests of health and safety.

The use of pesticides should be kept to a minimum.

7.0 LITTER REMOVAL

The maintenance contractor shall ensure that the whole site is kept free of litter, dog waste and other debris through a regular programme of monitoring, collection and disposal, coinciding with visits to maintain planting areas.

Particular care shall be taken to remove all broken bottles, glass, tins, sharp objects and other items likely to constitute a hazard to the public.

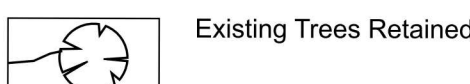
PLANT SCHEDULE

SHRUBS						
QTY	UNIT	CODE	PLANT NAME	STOCK	SIZE	SPACING
22	No.	Cor Ele	Cornus alba 'Elegantissima'	C 3L	40-60cm	3/m2
2	No.	Cor Kou 10L	Cornus kousa 'Milky Way'	C 10L	100-125cm	1/m2
25	No.	Esc AB	Escallonia 'Apple Blossom'	C 3L	40-60cm	3/m2
2	No.	Euo Com 10L	Euonymus alatus 'Compactus'	C 10L	100-125cm	1/m2
TREES						
QTY	UNIT	CODE	PLANT NAME	STOCK	FORM	GIRTH/HEIGHT
5	No.	ACE CAM xhs14	Acer campestre	RB	STD	14-16cmN
2	No.	Aln INC f	Alnus incana 'Aurea'	B	FTH	180-210cm
1	No.	AME ROB hs	Amelanchier lamarckii 'Robin Hill'	RB	STD	12-14cm
3	No.	Bet pen f	Betula pendula	C 15L	FTH	180-210cm
3	No.	MAL TSC s	Malus Tschonoskii	B	STD	8-10cm
3	No.	PYR CHA s	Pyrus calleryana 'Chanticleer'	B	STD	8-10cm
3	No.	SOR LUT s	Sorbus aria 'Lutescens'	B	STD	8-10cm
4	No.	SOR ASP ss	Sorbus aucuparia 'Asplenifolium'	B	STD	10-12cm
HEDGE MIXES						
PERCENT	QTY	UNIT	PLANT NAME	STOCK	SIZE	
27m NATIVE HEDGE MIX Tall planted @ 6/m in a Double Staggered Row						
50%	81	No.	Carpinus betulus	B Trans	60-80cm	
20%	32	No.	Corylus avellana	B Trans	60-80cm	
20%	32	No.	Cornus sanguinea	B Trans	60-80cm	
5%	8	No.	Ilex aquifolium	C 3L	40-60cm	
5%	8	No.	Rosa canina	B Trans	60-80cm	
To be planted in species groups of approximately 5.						
PLANT MIXES						
PERCENT	QTY	UNIT	PLANT NAME	STOCK	SIZE	
5m2 PERENNIAL GROUND COVER MIX (5m) planted @ 9/m2						
34%	15	No.	Alchemilla mollis	C 2L	20-30cm	
33%	15	No.	Deschampsia cespitosa 'Goldtau'	C 2L	20-30cm	
33%	15	No.	Tiarrella cordifolia	C 2L	20-30cm	
Individual varieties to be planted in groups of 3.						
13m2 ORNAMENTAL SHRUB MIX 1 North Facing (Small Bed) planted @ 3/m2						
20%	8	No.	Sarcococca confusa	C 3L	40-60cm	
20%	8	No.	Cornus alba 'Sibirica Variegata'	C 3L	40-60cm	
20%	8	No.	Choisya ternata 'Aztec Pearl'	C 5L	40-60cm	
20%	8	No.	Carex elata 'Aurea'	C 3L	40-60cm	
20%	8	No.	Fuchsia 'Genii'	C 3L	40-60cm	
Individual varieties to be planted in groups of 3-5.						
15m2 ORNAMENTAL SHRUB MIX 2 East Facing (Large Bed) planted @ 3/m2						
20%	9	No.	Choisya ternata 'Sundance'	C 5L	40-60cm	
20%	9	No.	Pittosporum tenuifolium 'Irene Patterson'	C 3L	40-60cm	
15%	7	No.	Escallonia 'Apple Blossom'	C 3L	40-60cm	
15%	7	No.	Pieris japonica 'Forest Flame'	C 3L	40-60cm	
10%	5	No.	Physocarpus opulifolius 'Diabolo'	C 3L	40-60cm	
10%	5	No.	Physocarpus opulifolius 'Dart's Gold'	C 3L	40-60cm	
10%	5	No.	Cotinus coggygria 'Royal Purple'	C 3L	40-60cm	
Individual varieties to be planted in groups of 3-5.						
9m2 ORNAMENTAL SHRUB MIX 3 West Facing (Large Bed) planted @ 3/m2						
20%	5	No.	Pittosporum tenuifolium 'Purpureum'	C 3L	40-60cm	
20%	5	No.	Viburnum tinus 'Eve Price'	C 3L	40-60cm	
15%	4	No.	Philadelphus coronarius 'Aureus'	C 3L	40-60cm	
15%	4	No.	Weigela florida variegata	C 3L	40-60cm	
10%	3	No.	Cornus alba 'Elegantissima'	C 3L	40-60cm	
10%	3	No.	Cornus alba 'Keselringii'	C 3L	40-60cm	
10%	3	No.	Pieris japonica 'Flaming Silver'	C 3L	40-60cm	
Individual varieties to be planted in groups of 3-5.						
GRASS AND WILDFLOWER SEED MIXES						
151m2 WFG4 WILDFLOWER AND GRASS SEED MIX (by Germinal.com See Species List Opposite)						
190m2 AMENITY GRASS SEED MIX A19 All Purpose (by Germinal.com)						
NOTES AND ABBREVIATIONS						
B = Bare root (bagged).						
C = Container (or pot) grown, followed by size of the container (or pot).						
FORM = Shape of tree as supplied by the nursery.						
FTH = Feather.						
RB = Rootballed (balled and wrapped).						
SIZE = Height or Spread of juvenile plant.						
STD = (clear stem) Standard.						
STOCK = Root condition/protection method eg Bare root.						
Trans = Transplant (or undercut seedling).						
- Refer to specification for further information.						
- All plants to be completely hardened off						
- Substitutions to be agreed with Landscape Architect.						
Plant Schedule generated by "Qscape" software 13/01/2021						

KEY



Soft Works



Planting-Native Hedges
Refer to CE-SR1824-DW01 Sheet 2 for Species Schedule and Specs.

Planting- Ornamental Shrubs
Refer to CE-SR1824-DW01 Sheet 2 for Species Schedule and Specs.

Multistem tree/shrub
For species refer to plant label/schedule

Grass-Turf

Neutral wildflower and grass seed mix
Germinal WFG4 or similar approved

Amenity grass seed mix
Germinal A19 or similar approved

Gravel over geotextile

Tree-Extra Heavy Standard
Refer to CE-SR1824-DW01 Sheet 2 for Species Schedule and Specs.

Tree Heavy Standard
Refer to CE-SR1824-DW01 Sheet 2 for Species Schedule and Specs.

Tree-Select Standard
Refer to CE-SR1824-DW01 Sheet 2 for Species Schedule and Specs.

Root Protection Barrier Installed
Reroot 600 by Green Blue Urban (or similar)
Subject to advice from structural engineer

Hard Works

Paving and Patios to Architects Details

Block Paving to Architects Details

Tarmac Surface to Architects Details

GRASS AND WILDFLOWER SEED MIX SPECIFICATION

Supplier: Germinal Amenity
Web: germinalamenity.com
Tel: 01522

Product Name WFG4 (Neutral Soils)
Mixture Breakdown

- 1.0% BLACK MEDICK (Medicago lupulina)
- 1.0% COMMON KNAPWEED (Centaurea nigra)
- 0.2% COMMON VETCH (Vicia sativa)
- 20.0% CRESTED DOGSTAIL (Cynosurus Cristatus)
- 0.3% DOVES FOOT CRANESBILL (Geranium molle)
- 1.4% FLAX (Linum usitatissimum)
- 1.2% LADY'S BEDSTRAW (Galium verum)
- 0.5% LEO LOTUS CORNICULATUS (BIRDSFOOT TREFOIL) (Lotus corniculatus)
- 1.5% OXEYE DAISY (Leucanthemum vulgare)
- 0.1% RAGGED ROBIN (Lychnis flos cuculi)
- 2.4% RIBWORT PLANTAIN (Plantago lanceolata)
- 5.0% SAINFOIN (Onobrychis viciifolia)
- 1.8% SALAD BURNET (Sanguisorba minor)
- 1.0% SELF HEAL (Prunella vulgaris)
- 25.0% SLENDER CREEPING RED FESCUE (Festuca rubra litoralis)
- 0.3% SMALL SCABIOUS (Scabiosa columbaria)
- 20.0% STRONG CREEPING RED FESCUE (Festuca rubra rubra)
- 10.0% TALL FESCUE (Festuca arundinacea)
- 5.0% TENO (Phleum bertolonii)
- 0.5% WHITE CAMPION (Silene latifolia)
- 1.0% YARROW (Achillea millefolium)
- 0.8% YELLOW RATTLE (Rhinanthus minor)

NOTES:

Final tree planting positions to be confirmed with project engineers subject to foundation design requirements.

All Dimensions to be checked on site and not scaled from this drawing.

This drawing is not for construction.

This drawing is for planning only.

All services to be checked on site and not scaled from this drawing.

Consultant:
Crestwood Environmental Ltd
Units 1 & 2
Nightingale Place
Parsloes Industrial Estate
Wolverhampton WV9 5HF
Tel: 01902 225963
info@crestwoodenvironmental.co.uk
http://www.crestwoodenvironmental.co.uk/

Client:
NEWETT HOMES

Site:
STATIONROAD, SKELMANTHORPE W.YORKS

Drawing Title:
Planting Plan and Specifications

Date:
15 Jan 2021

Scale:
1:200

Sheet No:
A1 (841x594 mm)

Drawn By:
RB

Checked By:
AC

Status:
Final

Final Revision:
-

CAD Ref:
CE-KR-1666-DW01 Final

Drawing No / Client Ref:
2