### IMPLEMENTATION AND MAINTENANCE GUIDELINES

All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be egistered under the HTA Nursery Certification Scheme. All plants shall be packed and transported in accordance with the Ode of Practice for Plant Handling as produced by CPSE. Planting shall not becarried out when the ground is waterlogger

If the formation level is compacted it should be ripped through before topsoiling. Topsoil depths to be 450mm for shrub beds and 150mm for grass areas.

planting the tree, taking care to avoid underground services and cables etc.

Where necessary treat existing weeds with a glyphosate based herbicide and allow a suitable period as recommended by the manufacturer for this to take effect. A general purpose slow release fertiliser at the rate of 75gm/m2 and Tree Planting and Mulching Compost at the rate of 20litres/m2 are to be incorporated into the top 150mm of topsoil during final cultivations. All trees up to and including selected standards are to be supported with single 75mm diameter stakes. All rootball, container grown and trees over heavy standard size shall be double staked. Any feature trees semi mature in size to be secured with a

2.2 Planting
Shrubs and hedges are to be set out as shown on the drawing and pit planted into the prepared soil at the specified centres with minimal disturbance to the rootball and well firmed in. Trees are to be placed into the pits and backfilled with topsoil incorporating slow release fertilizer and Tree Planting and Mulching Compost as specified. Firm trees in well and secure with proprietary rubber tree ties and spacers.

Spread ornamental pine bark mulch to a depth of 75mm across all new planting areas, ensuring groundcover plants are not

The landscape contractor shall maintain all areas of new planting for a period of 12 months following practical completion. All stock deemed to be dead, dying or diseased within the defects period shall be replaced by the contractor at his own cost The site is to be visited monthly throughout the year to undertake the following operations. Weed clearance: All planting areas are to be kept weed free by hand weeding or herbicide treatment. <u>litter clearance:</u> All litter is to be removed from planting beds. <u>Watering:</u> Planting areas are to be brought up to field capacity at each visit and each tree is to receive 20 gallons.

Formative pruning: Any damaged shoots/branches are to be pruned back to healthy wood. Plants are to be pruned in accordance with good horticultural practice to maintain healthy well-shaped specimens.

### 3.0 NATIVE SHRUB PLANTING

The extent of the planting area shall be set out using 38x38x1200mm timber stakes at each change in direction and at a

All herbaceous material within the proposed planting area shall be sprayed out using an approved herbicide at least two weeks before planting and the ground shall be cultivated to a depth of 150mm. A 900mm diameter circle shall be sprayed out at each planting station using an approved herbicide at least two

3.2 Planting All bare rooted stock is to be root dipped in water retaining polymer. Proposed planting is to be planted on an informal grid. To avoid straight lines each planting station can be moved by up to 300mm in any direction. Either a for shelters or b for rabbit fence

a. All stock to be protected from rabbit damage using approved proprietory tree and shrub shelters, 900mm and 600mm high respectively, secured with stakes and ties as advised by the manufacturer.

b. All stock to be protected from rabbit damage by 900mm high rabbit fencing erected in accordance with the manufacturers

Using approved herbicides a 900mm diameter circle centered on each planting station shall be kept weed free throughout the Each Autumn after planting and until handover to the adopting authority, the contractor will prepare a list of all plants which are dead, dying or diseased and will replace these during the following planting season.

Setting out.
The hedge line shall be set out using 38x38x1200 stakes at maximum 50m intervals and all herbaceous material within 400mm
of the centre line shall be sprayed out using an approved herbicide at least two weeks before planting.

- 4.2 Preparation The 800mm wide hedge line shall be cultivated to 150mm incorporating Enmag or equal at 75gm/m2.
- Plants shall be notch planted in two rows 250mm apart and staggered at 300mm centres. All plants are to be protected with a
- Using approved herbicides a 800mm wide swathe centred on the hedgeline shall be kept weed free throughout the maintenance period. Each Autumn after planting and until handover to the adopting authority, the contractor will prepare a list of all plants which

are dead, dying or diseased and will replace these plants during the following planting season. 5.0 GRASS

# 5.2 Turf Turfing operations shall be in accordance with BS 4428.

Whole turves shall be laid around the perimeter of the area to be turfed. The central area shall be laid in rows with staggered joints, well butted together, working from planks positioned on turves already laid. The turf shall be watered on completion. Any unevenness shall be made good by lifting the turf and adjusting the levels. Should shrinkage occur, fine topsoil shall be

Grass seed shall be sown in April during calm weather and not when the ground is frost bound or waterlogged. Seed shall be sown in two equal sowings in transverse directions at 35 g/m2. After sowing the contractor shall lightly rake the seed into intimate contact with the soil. All seed mixes to be specified in accordance with those set out in the approved management

When newly seeded areas reach 50mm they should be cut back to a height of 30mm and then cut twice annually in early Spring and late Summer. All arisings shall be removed or spread evenly across grassland. Any bare patches shall be made good at

Pre-planting herbicide application:

Apply by suitable spraying apparatus, an approved translocated systemic herbicide to the manufacturer's instructions and to 1997 Control of Pesticides Regulations and 2002 COSHH regulations on all beds, except those which are both weed free and are to receive agrotextile sheet mulch. Spray immediately if any weeds are present. If none are showing, but there may be a delay before planting, or the area is to be seeded, spray after one month following cultivation, to allow dormant seed to terminate. All spraying shall be carried out by skilled and qualified operatives, using protective clothing in suitable weather (no wind) and any damage caused by spray drift, from incorrect usage or spillage, shall be rectified at the contractor's own cost. Repeat as necessary to ensure complete kill and rake off all dead material from site.

. Carry out the following works to the existing topsoil on site to ensure it Conforms to BS 3882:2015, being free from rocks larger Carry out the following works to the existing topsoil on site to ensure it Conforms to be 3082-2016, being free from rocks larger than 50mm diameter, concrete, all roots, wire, brick, and have less than 20% clay. Allow for pre-application of herbicide as above. Fertilize with 100g per metre square of Vitax "Nutricote 180" slow release fertilizer, in accordance with the manufacturer's instructions. For beds less than 5 metres in width, fork over thoroughly or machine rotavate soil to a depth of 300mm, ensuring that the subgrade and topsoil are completely broken up and free draining, relieving any compaction. For beds greater than 5 metres in width, break up the subgrade and topsoil using a tractor mounted subsoiler or ripper at 500mm tres to a denth of 500mm, except where there are services, or within 10 metres of tree stems or 3 metres of existing hedges. Do not rip areas where roots greater than 10mm diameter are encountered.

Any imported topsoil for making up ground, shall conform to BS:3882:2015, and be free from rocks (over 50mm diameter), concrete, roots, wire and brick, and have less 20% clay.

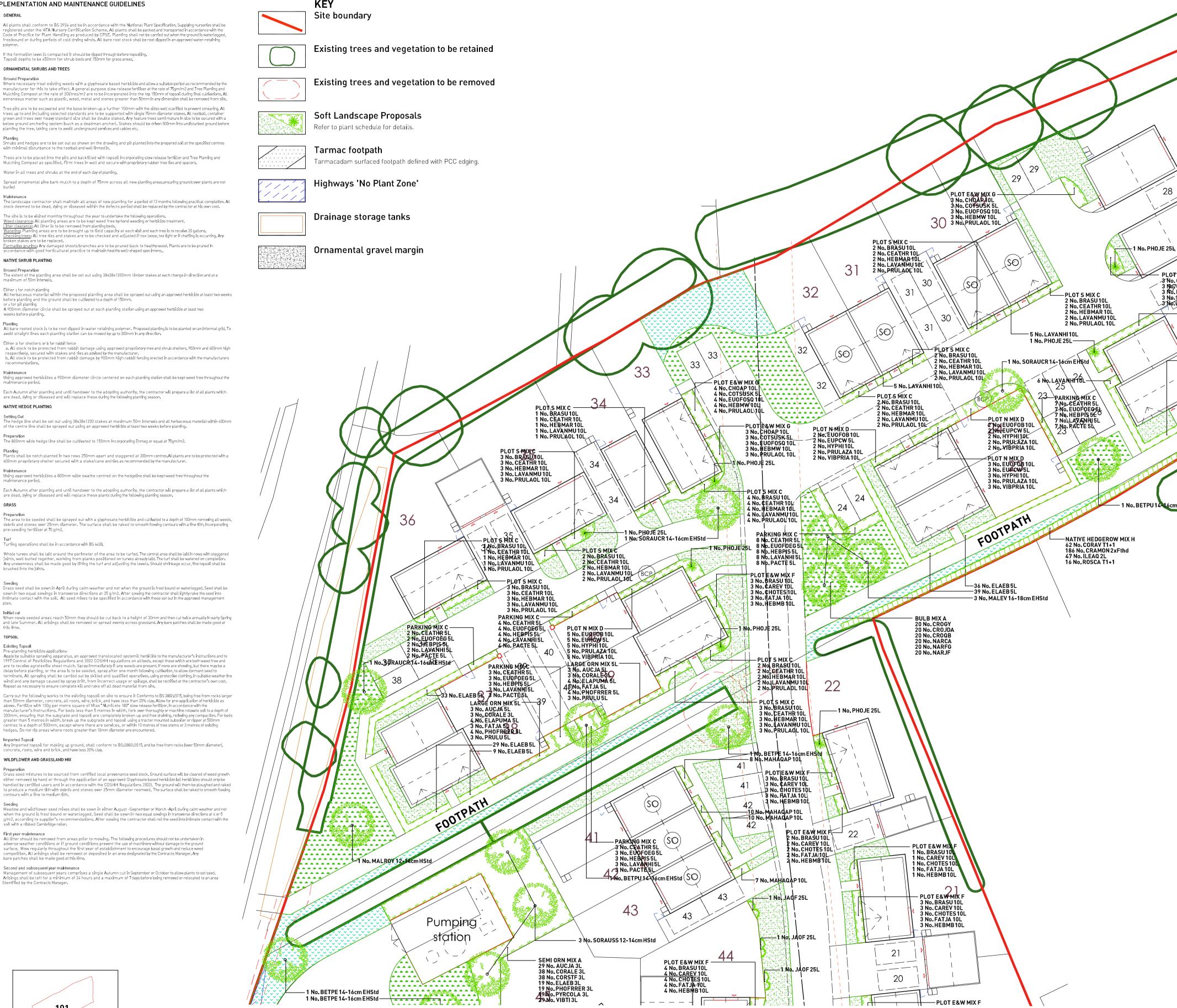
## 7.0 WILDFLOWER AND GRASSLAND MIX

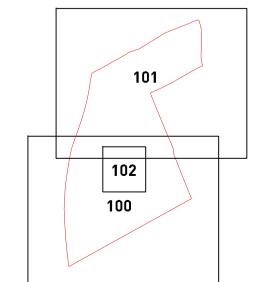
ass seed mixtures to be sourced from certified local provenance seed stock. Ground surface will be cleared of weed growth either removed by hand or through the application of an approved Glyphosate based herbicide (all herbicides should only be handled by certified users and in accordance with the COSHH Regulations 2002). The ground will them be ploughed and raked to produce a medium tilth with debris and stones over 25mm diameter reomved. The surface shall be raked to smooth flowing contours with a fine to medium tilth.

7.2 Seeding Meadow and wildflower seed mixes shall be sown in either August -September or March -April during calm weather and not when the ground is frost bound or waterlogged. Seed shall be sown in two equal sowings in transverse directions at 4 or 5 g/m2, according to supplier's recommendations. After sowing the contractor shall roll the seed into intimate contact with the soil with a ribbed Cambridge roller.

7.3 First year maintenance All litter should be removed from areas prior to mowing. The following procedures should not be undertaken in adverse weather conditions or if ground conditions prevent the use of machinery without damage to the ground surface. Mow regularly throughout the first year of establishment to encourage basal growth and reduce weed

7.4 Second and subsequent year maintenance Management of subsequent years comprises a single Autumn cut in September or October to allow plants to set seed. Arisings shall be left for a minimum of 24 hours and a maximum of 7 days before being removed or relocated to an area identified by the Contracts Manager.





SHEET LOCATION PLAN

## PLANNING I DESIGN I ENVIRONMENT I ECONOMICS



SUPPLY HEIGHT [CM] HABIT CENTRES QTY [No.]

PLOTE WMX G

3 No. HEBMW 10L 3 No. PRULAOL 10L

— PLOTNAIX D 6 No. EUG FOB 10L∕

6 No. EUPCW-5L

6 No. HYPHI 10L 6 No. PRULAZA 10L

- 27 No. FI ΔEB 5

-30 No. ELAEB 5L

JAOF Jasminum officinale 25L 180cm On trellis Counted 4 No. ABBR SPECIES SUPPLY HEIGHT (CM) HARIT CENTRES (M) OTY (No.)

ELAEB Elaeagnus x ebbingei 5L 40-60cm Bushy 0.5Ctr 203 No. GRILI Griselina littoralis 5L 40-60cm Bushy 0.5Ctr 446 No. PROPOSED INDIVIDUAL SHRUBS

SUPPLY HEIGHT (CM) HABIT CENTRES [M] QTY (No.) LAVANHI Lavandula angustifolia 'Hidcote' 10L 30-40cm Bushy 0.6Ctr 28 No. MAHAQAP Mahonia aquifolium 'Apollo' 10L 30-40cm Bushy 0.6Ctr 35 No. SKIJARU Skimmia japonica 'Rubella' 10L 40-60cm Bushy 0.6Ctr 25 No.

PROPOSED ORNAMENTAL SHRUB MIXES LARGE ORN MIX 5L AUCJA Aucuba japonica 40-60cm Bushy 0.75Ctr 10 No. LARGE ORN MIX 5L CORALE Cornus alba 'Elegantissima 60-80cm Branched 0.75Ctr 10 No. LARGE ORN MIX 5L ELAPUMA Elaeagnus pungens 'Maculata' 40-60cm Bushy 0.75Ctr 14 No. 40-60cm Bushy 0.75Ctr LARGE ORN MIX 5L PHOFRRER Photinia x fraseri 'Red Robin' 40-60cm Bushy 0.75Ctr 14 No. LARGE ORN MIX 5L PRULU Prunus Iusitanica 40-60cm Bushy 0.75Ctr 10 No. PARKING MIX C CEATHR Ceanothus thyrsiflorus repens 30-40cm Bushy 0.6Ctr PARKING MIX C EUOFOEG Euonymus fortunei 'Emerald Gaiety' 5L PARKING MIX C HEBPIS Hebe pinguifolia 'Sutherlandii' 30-40cm Bushy 0.6Ctr 54 No. Yes 30-40cm Bushy 0.6Ctr PARKING MIX C 54 No. Yes LAVANHI Lavandula angustifolia 'Hidcote' PACTE Pachysandra terminalis 30-40cm Bushy 0.6Ctr 54 No. Yes PLAY MIX A DESCEGT Deschampsia cespitosa 'Goldtau' Full Pot 0.6Ctr 20-30cm Bushy 0.6Ctr PLAY MIX A HEBPQ Hebe 'Purple Queen' 20 No. 20-30cm Bushy 0.6Ctr PLAY MIX A LAVANVE Lavandula angustifolia 'Vera 30 No. LONNIMG Lonicera nitida 'May Green' 30-40cm Bushy 0.6Ctr PLAY MIX A SPIAR Stipa arundinacea Full Pot 0.6Ctr 10 No. 40-60cm Bushy 0.7Ctr 34 No. PLOT E&W MIX F BRASU Brachvalottis 'Sunshine' Full Pot 0.7Ctr CAREV Carex oshimensis 'Evergold CHOTES Choisya ternata 'Sundance' 40-60cm Bushy 0.7Ctr PLOT E&W MIX F FATJA Fatsia japonica 60-80cm Bushy 0.7Ctr 34 No. PLOT E&W MIX F 30-40cm Bushy 0.7Ctr HEBMB Hebe 'Midsummer Beauty' 34 No. Yes PLOT E&W MIX G CHOAP Choisya 'Aztec Pearl' 40-60cm Bushy 0.7Ctr 30-40cm Bushy 0.7Ctr PLOT E&W MIX G COTSUSK Cotoneaster suecicus 'Skogholm' 40-60cm Bushy 0.7Ctr PLOT E&W MIX G EUOFOSQ Euonymus fortunei 'Silver Queen' PLOT E&W MIX G HEBMW Hebe 'Mrs Winder' 30-40cm Bushy 0.7Ctr PRULAOL Prunus laurocerasus 'Otto Luyken PLOT N MIX D EUOFOB Euonymus fortunei 'Blondy' 30-40cm Bushy 0.7Ctr PLOT N MIX D EUPCW Euphorbia characias wulfenii Full Pot 0.7Ctr 31 No. 40-60cm Bushy 0.7Ctr HYPHI Hypericum 'Hidcote' PLOT N MIX D PRULAZA Prunus laurocerasus 'Zabeliana' 40-60cm Bushy 0.7Ctr PLOT N MIX D VIBPRIA Viburnum tinus 'Eve Price' 40-60cm Bushy 0.7Ctr 31 No. PLOT S MIX C 40-60cm Bushy 0.7Ctr BRASU Brachyglottis 'Sunshine' CEATHR Ceanothus thyrsiflorus repens PLOT S MIX C HEBMAR Hebe 'Marjorie' 40-60cm Bushy 0.7Ctr LAVANMU Lavandula angustifolia 'Munstead' 10L 30-40cm Bushy 0.7Ctr 30 No. PRULAOL Prunus laurocerasus 'Otto Luyken' 10L 60-80cm Bushy 0.7Ctr 30 No. PLOT S MIX C PLOT S MIX C

SUPPLY HEIGHT (CM) CENTRES (M)

NATIVE HEDGEROW MIX H CORAV Corylus aveilana T1+1 80-100cm 0.4Ctr Double Staggered at 0.25m offset 20% 62 No.

NATIVE HEDGEROW MIX H CRAMON Crataegus monogyna 2xFthd 125-150cm 0.4Ctr Double Staggered at 0.25m offset 60% 186 No. NATIVE HEDGEROW MIX H ILEAQ llex aquifolium 2L 80-100cm 0.4Ctr Double Staggered at 0.25m offset 15% 47 No. NATIVE HEDGEROW MIX H ROSCA Rosa canina T1+1 80-100cm 0.4Ctr Double Staggered at 0.25m offset 5% 16 No. PROPOSED SEMI-ORNAMENTAL MIXES SUPPLY HEIGHT (CM) HABIT CENTRES (M) MIX % OTY (No. SEMI ORN MIX A AUCJA Aucuba japonica 30-40cm Bushy 1Ctr 15% 29 No. 20% 38 No. SEMI ORN MIX A CORALE Cornus alba 'Elegantissima' 40-60cm Branched 1Ctr SEMI ORN MIX A CORSTF Cornus stolonifera 'Flaviramea' 60-80cm Branched 1Ctr SEMI ORN MIX A ELAEB Elaeagnus ebbingei 40-60cm Bushy 1Ctr 10% 19 No. SEMI ORN MIX A PHOFRRER Photinia fraseri 'Red Robin' 30-40cm Bushy 1Ctr 30-40cm Bushy 1Ctr 10% 19 No.

SEMI ORN MIX A PYRCOLA Pyracantha coccinea 'Red Column' 3L

30-40cm Bushy 1Ctr MIX NAME ARRR SPECIES COMMON NAME HABIT CENTRES [M] MIX % AREA Dutch Crocus Bulb 10/m² 16.6% 13.4026m² 136 No. BULB MIX A CROGY Crocus 'Golden Yellow' BULB MIX A CROJDA Crocus 'Jeanne D' Arc' Dutch Crocus Bulb 10/m² 16.6% 13.4026m<sup>2</sup> 136 No. BULB MIX A CROQB Crocus 'Queen of the Blues' Dutch Crocus Bulb 10/m2 16.8% 13.5641m<sup>2</sup> 137 No. BULB MIX A NARCA Narcissus 'Canaliculatus' Dwarf Daffodils Bulb 10/m² 16.8% 13.5641m² 137 No.
BULB MIX A NARFG Narcissus 'February Gold' Dwarf Daffodil Bulb 10/m² 16.6% 13.4026m² 136 No. BULB MIX A NARJF Narcissus 'Jet Fire' Dwarf Daffodil Bulb 10/m²

MIX NAME SEED MIX SUPPLIER AREA Medalion Turf Rolawn Limited 882.5253m PROPOSED AMENITY SEED MIX (or similar approved) A22 (Low Maintenance) Amenity Germinal GB Limited 1029.4963m² 50g/m² PROPOSED WILDFLOWER MEADOW (or similar approved) SEED MIX SUPPLIER AREA DENSITY

PROPOSED NATIVE MIXED HEDGEROWS / INFILL MIXES

SEMI ORN MIX A VIBTI Viburnum tinus

NOTES

- Individual shrub/herbaceous/grass species to be planted in groups of 3-7

pecies, size or location should be altered without prior approval from the Landscape Archite

- Individual species within ornamental shrub mixes to be planted in groups of 5-9. - Lower growing species within ornamental shrub mixes to be planted at the front of the shrub bed (as indicated). - Individual bulbs species to alternate every 2 linear metres.

EM3 - Special Gen. Purpose Meadow Emorsgate Seeds 792.737m² 4g/m²

- Native hedgerow shrubs to be supplied as bareroot stock unless stated - Hedgerow shrubs to be planted within a 80cm wide bed and mulched. - Any native hedgerow shrubs to be planted on a double staggered row, 250mm apart with no less than 6 per linear metre within a 50cm wide bed in

accordance with implementation and maintenance guidelines. Any feathered stock is to have a upright central stem furnished with evenly spread and balanced lateral growth the full length of the stem. If feathered hedgerow stock is proposed, shrubs are to be attached to a double line support (one for feathered stock at 1m high and one for transplant stock at 60cm high) fence using an approved clip tie and cut back to 1.2m in height at time of - Pond marginal planting to be sourced from certified local provenance plant stock.

All trees, feature shrubs, climbers, shrubs and hedgerows to be planted in accordance with the implementation and maintenance guidelines. All

landscape proposals must be referred to by the Structural Engineer during foundation design. No tree, feature shrub, climber, shrub and hedgerow

- Soiling operations to be carried out in accordance with the implementation and maintenance guidelines. - All planting to be in accordance with the implementation and maintenance guidelines.

- No species, variety, size or position to be amended without the Landscape Architects prior approval. - Before trees are planted, the Landscape Contractor shall ascertain the location of drains from the site manager, and shall if necessary make minor

adjustments to tree positions to ensure that they are planted at least 1.5m from drains. They should however be planted no closer to houses/garages than is shown on the drawing, and if shown located in shrub beds, the shape of the latter should be adjusted if necessary to accommodate the revised

- All planting must be mulched in accordance with the implementation and maintenance guidelines. - If planting is required outside the October-March season, bare root shrubs will be replaced by 3L pot grown plants, and trees will be replaced by a

containerised equivalent to be approved by the project landscape architect.

Holmer, Hereford

Soft Landscape Proposals (Sheet 2 of 3)

Drawing Ref. BIR.4884 101 Client: Crest Nicholson Midlands

Date Drawn by : AP Checked by : AP : 1 : 250 @ A1

