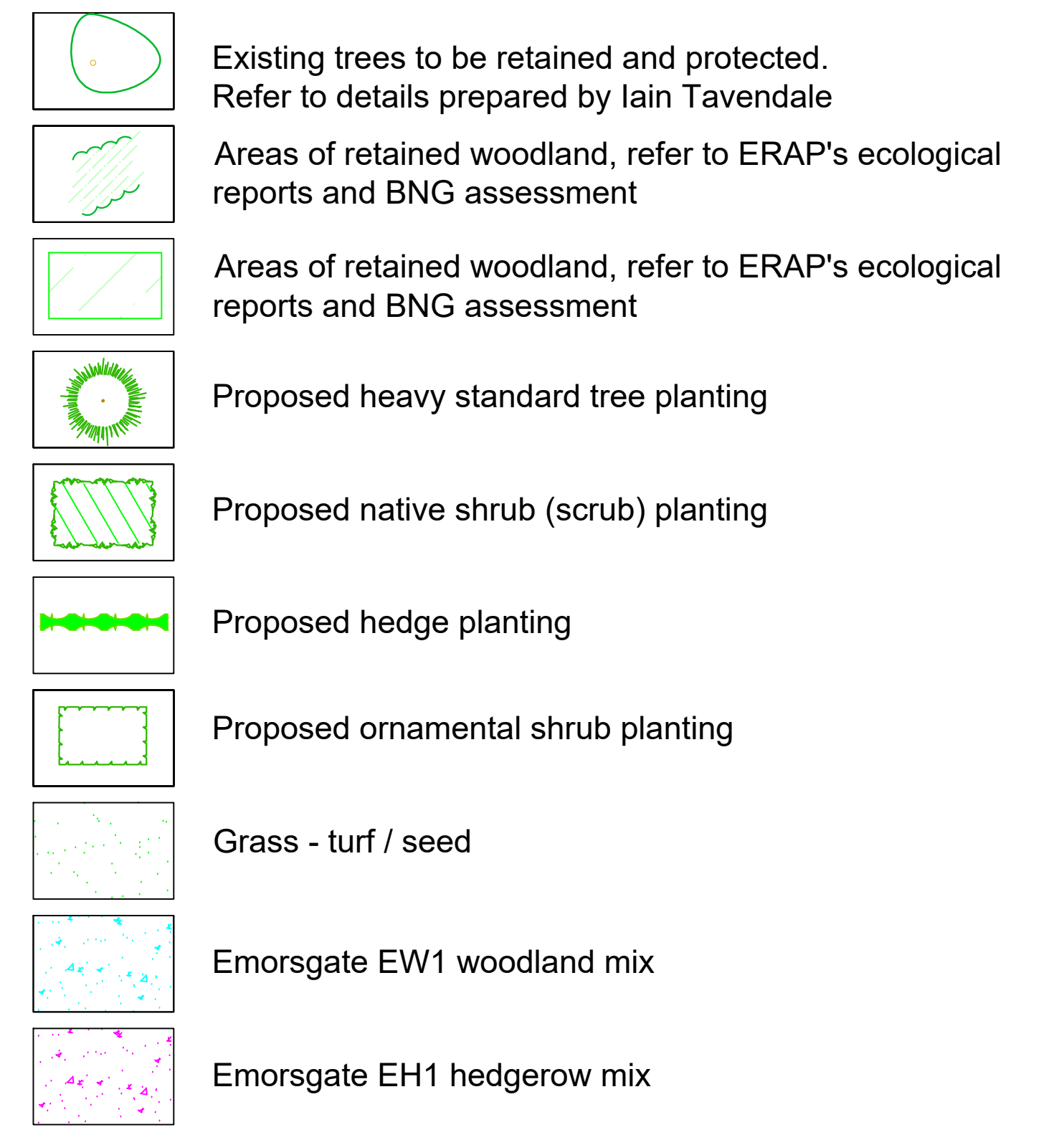




Plant Schedule						
Trees						
Abbreviation	Species	Height	Girth	Specification	Pot Size	Number of Plants
ACST	Acer campestre 'Street Wise'	300-425cm	12-14cm	Heavy Standard 3x	B	7
BP	Betula pendula	300-425cm	12-14cm	Heavy Standard 3x	RB	3
	Betula utilis 'acuminata'	300-425cm	12-14cm	Heavy Standard 3x	RB	9
PA	Prunus avium	300-425cm	12-14cm	Heavy Standard 3x	B	17
QRO	Quercus robur	300-425cm	12-14cm	Heavy Standard 3x	RB	5
SAS	Sorbus aucuparia 'Showerwater Seedling'	300-425cm	12-14cm	Heavy Standard 3x	B	11
TC	Thuja carolinata	300-425cm	12-14cm	Heavy Standard 3x	B	15

Total 67 -

Native Shrub Planting Mix					
Abbreviation	Species	Height	Pot Size	Specification	Density
CORAV	Corylus avellana	80-80cm	B	Transplant	1m ² 20%
CZP	Crataegus monogyna	80-80cm	B	Transplant	1m ² 20%
ILEA	Ilex aquifolium	80-80cm	SL	Container	1m ² 10%
PRUSP	Prunus spinosa	80-80cm	B	Transplant	1m ² 20%
ROSAR	Rosa arvensis	80-80cm	B	Transplant	1m ² 10%
ROSCA	Rosa canina	80-80cm	B	Transplant	1m ² 10%
VIBOP	Viburnum opulus	80-80cm	B	Transplant	1m ² 10%
					Total 170 -

Specimens					
Abbreviation	Species	Specification	Height	Pot Size	Number of Plants
PTV	Phormium tenax 'Variegatum'	Double Crown		7.5L	8 -
					Total: 8 -

Shrub	Height	Specification	Pot Size	Density	Number of Plants
AB	20-30cm	3L	6m ²	81	
AE	10-20cm	3L	6m ²	41	
EUG	Eurythmus fururi 'Emerald Gaiety'	20-30cm	3L	6m ²	41
BCO	Bergenia cordifolia	20-30cm	3L	6m ²	118
AE	Hibis 'Green Glaze'	30-40cm	3L	6m ²	182
AJ	Aucuba japonica 'Vinegarb'	40-60cm	4L	4m ²	49
PF	Platanus 'Forest Flame'	40-60cm	4L	4m ²	77
PKO	Potentilla fruticosa 'Katherine Dyer'	30-40cm	3L	6m ²	23
AE	Eurythmus japonicus 'Ovalis Aides'	40-60cm	4L	6m ²	96
PLO	Platanus 'aureococcus 'Toto Luyken'	60-80cm	5L	6m ²	62
COE	Carex oshimensis 'Evergold'	10-20cm	10L	4m ²	69
LAV	Lavandula angustifolia 'Vera'	30-40cm	3L	6m ²	44

Total 842

Hedges	Abbreviation	Species	Pot Size	Specification	Height	Density	Number of Plants
PROT		<i>Prunus laurocerasus</i> 'Rotundifolia'	10L	Double staggered row	60-80cm	4/m	2395
FS		<i>Fagus sylvatica</i>	B	Double staggered row	60-80cm	6/m	419

WILDFLOWER SEED MIXES - To be sown at a rate of 4g/m².

EH1 - Hedgerow Mixture. wildseed.co.uk/product/mixtures/hedgerow-mixture
EW1 - Woodland Mixture. wildseed.co.uk/product/mixtures/woodland-mixture

Available from Emorsgate Seeds. Tel: 01553 829 028 or similar approved.

[illegible]

PLANTING

Cultivation

Planting areas shall be cultivated to a depth of 225mm in the original ground, or where the ground is compacted, ripped and relayed.

At least 50% of stones, bricks, timber and other debris within the area where any dimensions greater than 50mm and removal of all soil. Do not cultivate across any drain where the stone is flush with the ground surface.

Soil

Where limited conditions, fertilisers or other additives shall be incorporated into the soil. Superphosphorus compound or similar shall be spread to the specified thickness and worked into the soil 50mm. Fertilisers, organic or inorganic, shall be spread minimum to the top 25mm.

Repetition of plants

All plant material should comply with the minimum requirements in BS 3300 – 1990 for the selection of trees and shrubs and BS 9004 – 2007 Specification for forest trees. Any plant material that does not comply with the minimum requirements, does not meet the Specification, or is unsuitable, or defective in any other way, will be rejected.

The minimum specified sizes in the plant schedule will be strictly enforced. The contractor shall replace all plants rejected at its own cost.

Planting

Where all material shall be planted between November and March in open cool weather. Planting shall be taken place in frosty, sunny or waterlogged conditions. Where the ground is frosty, plants may be planted outside the described season, but adequate watering shall be supplied. Top or damaged roots and branches shall be clearly pruned prior to planting.

Planting of trees, shrubs and shrubs

Plants shall be planted in the ground and the contractor shall be responsible for the plants carried out in all cases as detailed in BS 9242: 1989 section 7. Any newly planted species: (i) Propagate planting and section of planting of shrubs, herbaceous plants and bulbs. Plants shall be planted at same depth, or very slightly deeper, than they were received. (ii) Propagate planting and section of planting of trees. Plants shall be planted at same depth, or very slightly deeper, than they were received. Plants shall be planted at the specified depths or on. On sloping slopes the plant shall be in the horizontal measure. Transplants shall be planted with careful ground and care to protect from rabbits and other animals. Plants shall be watered immediately after planting and the contractor shall be responsible for watering. Plants shall be watered during the specified period and shall be watered to keep the soil moist to the roots.

Tree planting within soft landscape areas
Trees shall conform to BS 8545:2014 Trees: from nursery to independence in the landscape and BS: 3636-1: 1992 and be planted in tree pits of the following sizes unless directed otherwise:
Furnished trees - 900 x 900 x 450
Selected standards - 900 x 1000 x 600
Heavy standards/Extra heavy standards - 1200 x 1200 x 600
Excavated subsoil or store shall be carted off site to tip. The bottom 300mm of the pit shall be dug and broken up. The bottom of the pit shall be backfilled with subsoil (also or imported) to comply with BS 8601: 2013. The top 300mm of the pit shall be backfilled with imported topsoil as specified unless directed otherwise.

Compost for planting pits

Compost shall be a proprietary product, bark based incorporating fertilisers and improving additives. The type of compost shall be approved before its delivery on site, and the details of the product shall be supplied. Cambrak planting compost is approved. Where directed compost shall be added to and mixed with topsoil barkfill at the following rates:

Feathered trees - 40 litres
Selected standards - 60 litres
Heavy standards/Extra heavy standards - 80 litres.

Stakes for trees

Stakes shall be peeled round softwood, pointed, minimum diameter 75mm. The stakes shall be driven into the base of the tree pit prior to placing the tree and backfilling. Stakes shall in general have a clear height above the finished ground level as follows unless directed otherwise:

Fastened trees - 750mm (one tie)

Selected standards - 800mm (2 stakes, one tie each)

Heavy standards/Extra heavy standards - 1200mm (2 stakes, one tie each)

The stakes shall be long enough to drive until they hold the tree firmly without rocking.

Tie ties
Ties for bareroot trees, shall be approved rubber nail-on type with cushioned spacer such as Torns, or other equal and approved. Nails shall be flat headed galvanised and shall hold the ties securely into the stake. Ties shall not be over tight on the tree stems. Ties available from J Torns Limited, Wheeler Street, Headcorn, Ashford, Kent, TN27 9SH.
Feathered Type - (4 one tie)
Select standards - Type L1 (one tie per stake)
Heavy standards/Extra heavy standards - Type L3 (one tie per stake)

Ties for rootball and container grown trees shall be 50mm rubber tree belts in a figure of eight around the tree. Fixed to the stake with two flat head galvanised nails.
Feathered - one belt
Select standards Type - two belts
Heavy standards/Extra heavy standards - two belts

Planting of trees
The tree shall be set upright and at the same depth as grown in the nursery, the roots shall be spread out (bareroot) and the soil followed by compost topsoil mixture, backfilled. Backfilling should be done to ensure close contact between roots and by firming in layers (bareroot). The soil shall be left level and tidy, any subsoil clods, bricks or stones over 50mm arising, collected and carted off site.

Mulching
A 75mm compacted layer of medium grade pulverised bark, with a particle size of not more than 100mm and containing no more than 10% fines, shall be spread to form a continuous layer covering the whole of the bed, or in the case of standard trees within grass shall be in the form of a circle of 600mm diameter around the base of the tree. Whips and transplants shall be mulched in the form of a 300mm diameter circle around the base of the tree. Where trees are planted within grass a circular hemp mulch mat is required beneath the layer of mulch at the diameters stated above, secured with foin pegs. The tree pit surface shall be as big as possible.

Turfing

Soil preparation and cultivation
All areas to be turfed shall be cultivated to a depth of at least 100mm, all weeds, stones and refuse larger than 50mm shall be removed to Contractor's tip, and shall be brought to a fine 9th. Allow for hand cultivation where machine work is not possible.

Turf
Turf shall be extra-quality meadow turf and shall comply to BS 3669: 1998 +A1: 2013 and shall be laid in accordance with BS 4428: 1996, section 6. Turfing. The Contractor shall supply a sample of the turf he proposed to use for approval of a suitably qualified person and shall ensure that all turves are similar to the approved sample. The Contractor shall inform a suitably qualified person of the location of the supply, so that turf can be inspected prior to lifting.

Season
Turf shall be laid when weather and soil conditions are suitable and, where possible, preference should be given to autumn and early winter operations. No turf shall be laid in exceptionally dry or frosty weather or in other unsuitable weather conditions.

Delivery and stacking
For large areas, turf shall be delivered at appropriate intervals throughout the work so as to avoid stacking for long periods.

Laying
No turf shall be laid until the soil preparation has been satisfactorily completed by being brought to an even tilth and firmness. Turves from the stack shall be wheeled to turf layers on planks laid closely side by side. Adequate timber planks shall be used to support operatives and barrows, and provide access. The turves shall be laid in consecutive rows with broken joints (stretcher bond), closely butted and to the correct levels. The turf shall be laid off planks working over turves previously laid. Where necessary, the turves shall be lightly and evenly firmed with wooden beaters, the bottom of the beaters being frequently scraped clean of accumulated soil or mud. A dressing of fine sifted topsoil shall be

Laying around trees
Turfing shall not be done within 30' from any tree trunk.

Watering
The Contractor shall be responsible for the replacement of any scorched turf. All necessary watering shall be carried out with sprinklers or oscillating sprays so as not to wash soil out of joints. If shrinkage occurs and the joints open, fine topsoil shall be brushed in and well watered.

PROTECTION TO EXISTING TREES

The recommendations in BS 5837: 2012, *Trees in Relation to Design, Demolition & Construction* must be complied with at all times.

MAINTENANCE

All maintenance to be carried out up to handover to the adopting authority/ householder from the date of planting and turfing to ensure successful establishment. All dead, diseased,

damaged plants must be replaced during this time unless the local Planning Authority states, in writing, any variation to this.

Weeding
All beds to be kept weed free by hand weeding. Beds to be forked over as necessary to keep soil loose to approved cambers with no hollows.

Pruning

At appropriate time, prune plants to remove dead, dying or diseased wood and suckers to promote healthy growth and natural shape.

Watering
The Contractor shall ensure that sufficient water is applied to maintain healthy growth.

Grass cutting
The initial cut shall be carried out when first growth is apparent, blades set 20mm above ground. The Contractor shall continue cutting at appropriate intervals during the growing season and maintain 40mm high sward until grass areas are handed over. Watering, weeding, cutting, repair of all erosion and settlement and re-seeding as necessary to establish

WILDFLOWER GRASS SEEDING & MAINTENANCE

Preparation for seeding
Seed should be sown into good quality, clay free sub-soil or low-fertility topsoil.

The area shall be cultivated to 150mm depth and all weeds, stones and refuse larger than 50mm shall be removed to tip (Cultivation of soil not to occur beneath existing tree canopies). Cultivated soil shall be rolled and raked to produce a fine 25mm deep and left for 2-3 weeks to allow existing weeds in the seed bank to germinate. After 2-3 weeks, a spray of the newly germinated weeds will be carried out, allowed to die back and then raked off. Seed sowing must be undertaken immediately after the area has been prepared and weeds removed, lightly watering area before seeding. Seed shall be sown during late August or September or, if this is not possible, during April to May.

Wildflower seeding
Sowing shall be carried out during calm weather. All sowing is at the contractor's own risk and any areas where germination fails shall be re-seeded at the contractor's own expense. The operation should be carried out in equal sowings and transverse directions. The contractor must ensure that the grass and wildflower seed is thoroughly mixed

Wildflower seed mix
Sow the wildflower seed available from Emmonsgate Wild Seeds. Certificates of purchase shall be provided for all deliveries prior to the sowing of the wildflower mix, stating source, mixture, purity and germination percentage. Sources

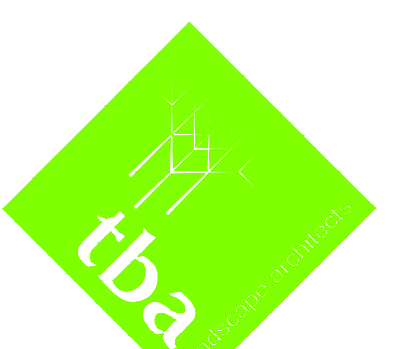
Protection of newly seeded wildflower areas	
All reasonable precautions shall be taken to ensure that pedestrian and other traffic does not cross the wildflower areas during cultivation, seeding or establishment. Where obvious short cutting is occurring, the contractor shall erect an appropriate temporary fence so as to maintain the maintenance period or until such time as it is no longer necessary, or as must be of indigenous stock.	
Amends to latest layout	18
Amends to comments	10

First cut of wildflower meadow Areas seeded during August to September shall be cut lightly in the spring using a flail mower, or strimmer, when the meadow reaches a height of 100mm. Areas seeded during April to May shall be cut in October when flowering is over. In the following year, the meadow shall be cut in late September or early October.	& drainage Amends to latest layout Amends to latest layout Amends to BNG	05 16 10
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Subsequent cuts
Hereafter cutting shall be undertaken, with a flail mower or strimmer, when flowering is over, annually during September to October. All cuttings shall be raked up and removed.

Making good
Any defects such as sinkage, ponding, sparse germination or disease shall be made good and re-seeded all as above.

Amends to latest layout	18.08.26	F	CS
Amends to comments & drainage	10.08.26	E	NC
Amends to latest layout	05.08.26	D	NC
Amends to latest layout	16.07.25	C	CS
Amends to BNG	10.06.25	B	JW
Amends to latest layout	14.05.25	A	JW
No amendment to be scaled from this drawing © Copyright reserved	Date	Rev	Dam



Landscape Architecture

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ROE ROAD, WHALLEY

CAPE PROPOSALS

Date	Scale(s)	Dwg no	Rev
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