Hedges	Hedges							
Abbreviation	Species	Specification	Height	Pot Size	Density	Number of Plan		
PL	Prunus laurocerasus	Single row	60-80cm	5L	4/m	228 -		
						Total :228 -		

Specimens					
Abbreviation	Species	Specification	Height	Pot Size	Number of Plants
PhPB	Phormium 'Platt's Black'	Double Crown	60-80cm	10L	4 -
					Total :4 -

Shrubs	
A 1 1 .	 _

Shrubs						
Abbreviation	Species	Specification	Density	Height	Pot Size	Number of Plants
BC	Berberis candidula		6/m²	30-40cm	3L	46 -
CTS	Choisya ternata Sundance ®		6/m²	30-40cm	3L	20 -
EUEG	Euonymus fortunei 'Emerald Gaiety'		6/m²	20-30cm	3L	49 -
HAG	Hebe 'Autumn Glory'		6/m²	30-40cm	3L	11 -
HG	Hebe 'Green Globe'		6/m²	30-40cm	3L	22 -
HMT	Hypericum x moserianum 'Tricolor'		6/m²	30-40cm	3L	22 -
HMW	Hebe 'Mrs Winder'		6/m²	30-40cm	3L	9 -
LAV	Lavandula angustifolia 'Vera'		6/m²	30-40cm	3L	22 -
PE	Potentilla fruticosa 'Elizabeth'		6/m²	30-40cm	3L	38 -
PKD	Potentilla fruticosa 'Katherine Dykes'		6/m²	30-40cm	5L	14 -
SKJ	Skimmia japonica		6/m²	30-40cm	3L	28 -
VD	Viburnum davidii		6/m²	30-40cm	3L	44 -
						Total :325 -

Native Hedge Mix - Double Staggered row

Species	Specification	Height	Pot Size	Density	Mix Species Contribution	Number
Rosa arvensis	Transplant 1+1	60-80cm	В	6/m	5%	52 -
Rosa canina	Transplant 1+1	60-80cm	В	6/m	5%	52 -
llex aquifolium	Container	60-80cm	5L	6/m	10%	101 -
Corylus avellana	Transplant 1+1	60-80cm	В	6/m	20%	199 -
Sambucus nigra	Transplant 1+1	60-80cm	В	6/m	20%	199 -
Crataegus monogyna	Transplant 1+1	60-80cm	В	6/m	40%	396 -
					Total :100%	Total :999 -
	Rosa arvensis Rosa canina Ilex aquifolium Corylus avellana Sambucus nigra	Rosa arvensis Transplant 1+1 Rosa canina Transplant 1+1 Ilex aquifolium Container Corylus avellana Transplant 1+1 Sambucus nigra Transplant 1+1	Rosa arvensis Transplant 1+1 60-80cm Rosa canina Transplant 1+1 60-80cm Ilex aquifolium Container 60-80cm Corylus avellana Transplant 1+1 60-80cm Sambucus nigra Transplant 1+1 60-80cm	Rosa arvensis Transplant 1+1 60-80cm B Rosa canina Transplant 1+1 60-80cm B Ilex aquifolium Container 60-80cm 5L Corylus avellana Transplant 1+1 60-80cm B Sambucus nigra Transplant 1+1 60-80cm B	Rosa arvensis Transplant 1+1 60-80cm B 6/m Rosa canina Transplant 1+1 60-80cm B 6/m Ilex aquifolium Container 60-80cm 5L 6/m 6/m Corylus avellana Transplant 1+1 60-80cm B 6/m Sambucus nigra Transplant 1+1 60-80cm B 6/m	Rosa arvensis Transplant 1+1 60-80cm B 6/m 5% Rosa canina Transplant 1+1 60-80cm B 6/m 5% Ilex aquifolium Container 60-80cm 5L 6/m 10% Corylus avellana Transplant 1+1 60-80cm B 6/m 20% Sambucus nigra Transplant 1+1 60-80cm B 6/m 20% Crataegus monogyna Transplant 1+1 60-80cm B 6/m 40%

WILDFLOWER SEED MIXES - To be sown at a rate of 4g/M2

EM1 - Basic General Purpose Meadow Mixture.

www.wildseed.co.uk/product/mixtures/Basic-general-purpose-meadow-mixture

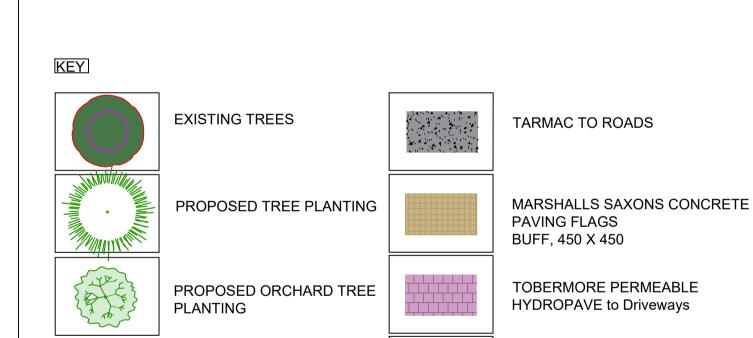
EW1 - Woodland Mixture. www.wildseed.co.uk/product/mixtures/woodland-mixture

Available from Emorsgate Seeds. Tel: 01553 829 028 or similar approved. All wildflower areas to have 1M wide close mown grass edge adjacent roads and footpaths. Seeded with grass mix A22.

AMENITY GRASS SEED MIX - To be sown at a rate of 50g/M².

A22 - Hard Wearing, Low Maintenance. www.germinalamenity.com/a22-low-maintenance

Available from Germinal GB Ltd. Tel: 01522 868714 (or similar approved)



SURESET RESIN BOUND **GRAVEL TO FOOTPATHS**

TOBERMORE PERMEABLE

HYDROPAVE to Shared Drive

Charles de de de

ORNAMENTAL SHRUB PLANTING

HEDGE PLANTING

NATIVE HEDGE PLANTING



(CLOSE MOWN)

A22 GRASS SEED

(CLOSE MOWN)



WILDFLOWER SEED MIX - EM2



WILDFLOWER SEED MIX - EW1 WOODLAND MIXTURE

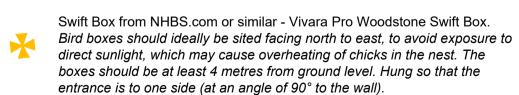
GENERAL MEADOW MIXTURE



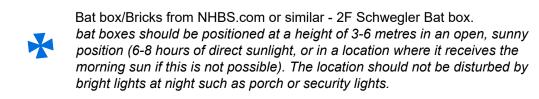
GRAVEL TO PRIVATE AREAS



Birdbox from NHBS.com or similar - 1B Schwegler Next Box Bird boxes should ideally be sited facing north to east, to avoid exposure to direct sunlight, which may cause overheating of chicks in the nest. The boxes should be at least 4 metres from ground level. Hung so that the entrance is to one side (at an angle of 90° to the wall).



To be fixed on to existing trees.



Bat Access Roof Slate NHBS.com or similar. Position Habibat a minimum of 2 metres but preferably 5 to 7 metres above ground. Avoid placement above windows, position near the eaves or gable apex of the property in a sunny position (6-8 hours of direct sunlight, or in a location where it receives the morning sun if this is not possible). The location should not be disturbed by bright lights at night such as porch or security lights.

Materials Pallette



Tobermore permeable paving Hydropave Tegula Blocks - Slate https://www.tobermore.co.uk/professional/products/permeable-paving/hydropave-tegula/ Or similar approved.



Tobermore permeable paving Hydropave Tegula Blocks - Heather https://www.tobermore.co.uk/professional/products/permeable-paving/hydropave-tegula/ Or similar approved.



Marshalls Saxon Paving (450mm x 450mm paving slab) https://www.marshalls.co.uk/gardens-and-driveways/product/saxon-paving Or similar approved.



Sureset Resin Bound Gravel - Bronze https://www.sureset.co.uk/housing-development-pathways/ Or similar approved.

All areas to be turfed shall be cultivated to a depth of at least 100mm, all

Turf shall be extra-quality meadow turf and shall comply to BS 3969: 1998 +A1: 2013 and shall be laid in accordance with BS 4428: 1998, section 6, furfing. The Contractor shall supply a sample of the turf he proposed to use Subsoil shall only be graded after loosening as above, and this shall be for approval of the Landscape Architect and shall ensure that all turves are undertaken by the use of a tractor and blade grader on large areas and by a small mechanical grader or by hand on small areas. Ground shall at no time

similar to the approved sample. The Contractor shall inform the Landscape Architect of the location of the supply, so that turf can be inspected prior to

Making up levels When subsoil is deposited in low lying areas to raise formation levels, it shall be lightly consolidated and left broken up ready to receive topsoil. Imported fill material shall be natural subsoil free from metal, concrete or organic material with any one dimension greater than 100mm. All imported fill material shall be approved by the Landscape Architect prior to spreading on

Supply of topsoil Topsoil to be supplied shall be approved by the Landscape Architect and details of the source of supply shall be provided in order that inspection may be made before delivery commences. Topsoil shall conform to BS 3882: 2015, Recommendations and classification for topsoil, clause 4.1a. The soil shall be free of weeds, roots or perennial weeds, pests, diseases, debris, tree roots, sticks, subsoil and foreign matter and shall be capable of being broken

be traversed by heavy machinery, for grading or any other purpose after

SCALE - 1:200

SPECIFICATION

extraneous matter.

Preparing for topsoiling

GROUND PREPARATION - GENERAL

subsoiling and/or topsoiling has taken place

Temporary topsoil heaps The depositing of temporary heaps of topsoil shall be so arranged that possible damage to existing grass, plants, tarmacadam, paving etc, is avoided. Unless otherwise agreed by the Landscape Architect, temporary spoil heaps shall be on protected ground. Such protection shall take the form of tarpaulins, plastic sheets, boards or similar covering. If damage does occur, it shall be made good at the contractor's own expense. Areas excavated to receive topsoil but have not had the base loosened shall not be used as temporary off loading areas. If the bottom of the excavation has been loosened off, loading on these areas is permissible.

Prior to topsoil replacement the formation level shall be cleared of all stones. rubbish, debris with any one dimension greater than 75mm. Areas to be seeded or turfed shall be covered by topsoil 100mm thick and areas to be planted shall be covered by topsoil 300mm thick. Topsoil shall be spread in an evenly consolidated layer and shall be left cleared of all roots, stones and debris with any one dimension greater than 50mm throughout its depth. Unless otherwise stated the finished level shall be 25mm above adjacent hard areas. No topsoil shall be spread until the subsoil grade has been

Planting areas shall be rotovated to a depth of 225mm in the original ground, or where the ground is compacted, ripped and rotovated. Pick off stones. bricks, timber and all other debris arising which have any dimensions greater than 50mm and remove off site to tip. Do not cultivate across any drain where the stone is flush with the ground surface.

inspected by a Landscape Architect

Where directed composts, fertilisers or other additives shall be incorporated into the soil. Spent mushroom compost or similar shall be spread to the specified thickness and incorporated, by rotovating, into the top 150mm. Fertilisers, organic or inorganic, shall be raked into the top 25mm.

All plant material should comply with the minimum requirements in BS 3936-1: 1992 Specification for trees and shrubs and BS 3936-4: 2007 Specification for forest trees and BS 8545: 2014 Trees from Nursery to Independence in the Landscape. Any plant material, which in the opinion of the Landscape Architect, does not meet the requirements of 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 his own cost.

All plant material shall generally be planted between November and March in open cool weather. Planting shall not take place in frosty, snowy or waterlogged conditions. Where approved, pot or container grown plants may be planted outside the described season, but adequate watering shall be supplied. Torn or damaged roots and branches shall be cleanly pruned prior to planting.

Planting of whips, transplants and shrubs

The nature of the material to be planted is variable and the contractor shall allow for planting to be properly carried out in all cases as described in BS 4428: 1989 section 7 Amenity tree planting, section 8 Woodland planting and section 9 Planting of shrubs, herbaceous and bulbs. All plants shall be planted at same depth, or very slightly deeper, as they were grown. Roots shall not be bent, broken or forced into inadequate pits or notches. Plants shall be upright, firmed in and wind resistant, with no air pockets around roots. All pots and root wrappings shall be carefully removed prior to planting. All pots and wrappings arising shall immediately be picked up and stored ready for removal to tip. Plants shall be planted at the specified centres. On steep slopes this shall be in the horizontal measure

Tree planting within soft landscape areas Trees shall conform to BS: 3936-1: 1992 and be planted in tree pits of the following sizes unless directed otherwise

Feathered trees - 900 x 900 x 450 Selected standards - 1000 x 1000 x 600 Heavy standards/Extra heavy standards - 1200 x 1200 x 600

Excavated subsoil or stone shall be carted off site to tip. The bottom 250mm of the pit shall be dug and broken up. The bottom of the pit shall be backfilled with subsoil (site or imported) to comply with BS 8601: 2013. The top 300mm of the pit shall be backfilled with imported topsoil as specified unless directed

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. Cambark planting compost is approved. Where directed compost shall be added to and mixed with topsoil backfill at the following rates:

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

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.

follows unless directed otherwise Feathered trees - 750mm (1 stake) Selected standards - 900mm (2 stakes) Heavy standards/Extra heavy standards - 1200mm (2 stakes) The stake shall be long enough to drive until they hold the tree firmly without

Stakes shall in general have a clear height above the finished ground level as

Ties for trees shall be the environmentally friendly 'NATURETIE' tree ties

sourced through Green-tech, or other equal and approved. Ties shall not be over tight on the tree stems. Ties available from Green-tech, Rabbit Hill Business Park, Great North Road, Arkendale, HG5 0FF. There shall be a tie per stake.

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 fixing pegs. The tree pit surface shall be as big as possible.

Bulbs shall not be allowed to dry out and shall be free of pests, diseases and

fungus. Bulbs should be planted immediately upon delivery to site, if stored, this shall be for the minimum period in a dark, well-ventilated, protected area at 18-21 degrees Celsius. Certificates of purchase shall be provided upon inspection. Bulbs are to be planted, according to species and in the areas shown on the soft landscape plan. Where planting is required 'in drifts', bulbs are to be scattered randomly over the allocated area and planted where they fall at the depth stated and shall be in contact with the soil at the base of the hole. The hole shall be backfilled with topsoil and lightly firmed in place. If bulbs are to be planted into existing turf areas, turf it to be neatly removed and replaced after planting and re-firmed.

weeds, stones and refuse larger than 50mm shall be removed to Contractor's tip, and shall be brought to a fine tilth. Allow for hand cultivation where

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

No turf shall be laid until the soil preparation has been satisfactorily

Delivery and stackingFor large areas, turf shall be delivered at appropriate intervals throughout the

work so as to avoid stacking for long periods.

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 ioints (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 finely sifted topsoil shall be applied and well brushed into the ioints. Any inequalities in finished levels owing to variation in turf thickness or uneven consolidation of soil shall be adjusted by raking and/or packing fine soil under the turf. A roller shall not be used. The finished levels of the turf shall conform to the levels indicated, allowing for final settlement. Turf edges and margins shall be laid with whole turves. Turves adjoining buildings, walls or fences shall be taken to the face of the structure, giving complete soil

Turf shall not be laid to within 300mm of any tree trunk

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 this time unless the local Planning Authority states, in writing, any variation to

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.

At appropriate time, prune plants to remove dead, dying or diseased wood

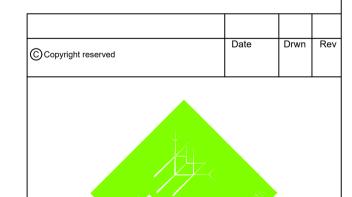
and suckers to promote healthy growth and natural shape. Watering The Contractor shall ensure that sufficient water is applied to maintain

Site to be kept free of litter.

healthy growth.

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 and settlement and re-seeding as necessary to establish a uniform and

healthy stand of grass shall continue until handover to the householder.



Landscape Architecture Arboriculture

Trevor Bridge Associates Ltd Ashton Old Baths Stamford Street West Ashton-under-Lyne Lancs OL6 7FW

Tel: 0161-804 2099 E-mail: info@trevorbridge.co.uk

Crabtree hurst Farm, Rossendale

Mr and Mrs Hardie

Landscape Proposal

Date		Scale(s)	Dwg no	R
07.02	2.24	1:200	7136.01	
Dwn	Chkd	@ A1		
DDB	JW			

Grading and cultivation shall be in accordance with BS 4428:1989 section 4. Subsoil that is to receive topsoil shall, whether obviously overcompacted or not, be thoroughly broken up by hand, by heavy rotovator, by subsoiler or tined equipment with adequate passes made to thoroughly break up the surface to a depth of 150mm, cleared of all large stones, bricks, perennial weeds, tree roots (excluding living tree roots), coarse vegetation and other