GROUND PREPARATION - GENERAL
Grading and cultivation shall be in accordance with BS 4428:1989 section 4. Subsoil that is to receive topsoil shall, stones, bricks, perennial weeds, tree roots (excluding living tree roots), coarse vegetation and other extraneous matter.

grader on large areas and by a small mechanical grader or by hand on small areas. Ground shall at no time be traversing by heavy machinery, for crading or any other purpose after subsoiling and/or trenching has taken place. When subsoil is deposited in low lying areas to raise formation levels, it shall be lightly consolidated and left broken up to prevent

provided in order that inspection may be made before delivery commences. Topsoil shall conform to BS 3882: 2007, Recommendations and classification for topsoil, clause 4.1a. The soil shall be free of weeds, roots or perennial weeds.

Temporary / overall fencing, 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 been loosened off, loading on these areas is permissible.

greater than 75mm. Areas to be seeded or turfed shall be covered by topsoil 100mm thick and areas to be planted shall be covered to a depth of 450mm thick. Topsoil shall be spread in an even layer and consolidated and shall be left prepared for inspected by a Landscape Architect.

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

Soil Improver
Where required, or as specified, thickly and incorporate, by rotovating, into the top 150mm, fineness, organic or inorganic, shall be raked into the top 25mm.
All plant material should comply with the minimum requirements in BS 3936:part 1, specification for trees and shrubs and part 4, specification for forest trees; BS 4043, recommendations for transplanting semi-mature trees and BS 5236 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 or

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

Feathered Trees 900 x 900 x 450 up to 3 metres high (0.36m)
Selected standards 1000 x 1000 x 600 up to 4.25 metres high (0.60m)
Backfill shall be imported topsoil as specified unless directed otherwise.

Heavy standard/Extra heavy standards - 2 bags: 160 litres
Stakes shall be peeled round softwood, pointed or minimum diameter 75mm. The stakes shall be driven into the base of the tree pit prior to placing the tree and backfilling.
Selected standards - 900mm (2 stakes, one tie each)

Tree ties
Feathered Type 04
Select standards Type L1
Heavy standard/Extra heavy standards Type L3
The tree shall be set upright and at the same depth as grown in the nursery, the roots shall be spread out and the

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 shall be in the form of a circle of 600mm diameter around the base of the tree. Whips and transplants

Turfing
All areas to be turfed shall be cultivated to a depth of at least 100mm, all weeds, stones and refuse larger than 50mm

Turf
Architect and shall ensure that all turves are 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 lifting.
Turf shall be laid when weather and soil conditions are suitable and, where possible, preference should be given to

Delivery and stacking

Laying
planks shall be used to support operatives and barrows, and provide access. The turves shall be laid in consecutive rows with broken joints, carefully pressed down and firmly butted up to the correct levels. The turf shall be laid at right angles to be rolled and well brushed into the joints. Any inequalities in finished levels owing to variation in turf thickness or shall be laid with whole turves. Turves adjoining buildings, walls or fences shall be taken to the head of the trenches, giving complete soil cover.
Turf shall not be laid to within 300mm of any tree trunk.

out with sprinklers or oscillating sprays so as not to wash soil out of joints. If shrinkage occurs and the joints open, fine

Weeding

Pruning

Litter

Grass cutting
The initial cut shall be carried out when first growth is apparent, blades set 20mm above ground. The Contractor shall a uniform and healthy stand of grass shall continue until handover to the householder.

The recommendations in BS 5837 (2005), *Trees in relation to Construction* must be complied with at all times.
The position and construction of protective fencing shall be agreed with the local authority prior to any site works commencing.
No vehicles should pass under the canopy of existing trees.
No fires should be lit so close as to cause damage to any existing trees.
Scaffolding may only be erected within protected areas if it is done so in accordance with BS 5837.

WILDFLOWER MEADOW 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 surface and lightly rolled.

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 as directed.

Subsequent cuts
Thereafter cutting shall be undertaken, with a flail mower or strimmer, annually during October. All cuttings shall be raked

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

PROPOSED
PROPOSED
PROPOSED HEDGE
PROPOSED SHRUB BED & SPECIMEN
CLIMBER
CLOSE MOWN LAWN
NATIVE SHRUB MIX
BULB MIX
WILD FLOWER SEED MIX

Abb.	Botanical Name	Form / X Transplanted	Girth (cm)	Min. Height (cm)	Root Condtion / Pot Size
BP	Betula pendula	Heavy Standard: 3x	12-14cm	350-425cm	RB
PK	Prunus 'Kanzan'	Heavy Standard: 3x	12-14cm	350-425cm	B
QSC	Quercus stellata 'Champion'	Heavy Standard: 3x	12-14cm	350-425cm	B
TCG	Tilia cordata 'Greenspire'	Heavy Standard: 3x	12-14cm	350-425cm	B
BP	Betula pendula	Feather: 2x	-	200-250cm	B
QR	Quercus robur	Feather: 2x	-	200-250cm	B
TC	Tilia cordata	Feather: 2x	-	200-250cm	B

SPECIMEN I

CAB	Prunus 'Purple Pony'	Double Crown		Tub	Double Crown
PWW	Pyrus 'Yellow Wave'	Double Crown		10L	Double Crown

NATIVE SHRUB MIX - To be planted in species groups of no less than 5 no more than 20 at 1/m²

CA	Corylus avellana 10%	Transplant 1+2	-	60-80	B	1/m²
IA	Ilex aquifolium 10%	-	-	-	3L	1/m²
KA	Kosa arvensis 5%	Transplant 1+2	-	60-80	B	1/m²
RC	Rosa canina 5%	Transplant 1+2		60-80	B	1/m²
SN	Sambucus nigra 5%	Transplant 1+2	-	60-80	B	1/m²
VO	Viburnum opulus 5%	Transplant 1+2	-	60-80	B	1/m²

HEDGES - To be planted in a double staggered row & maintained to a height of BSS 0.3M, EDS & FS 1.2M

Abb.	Botanical Name	Form / X Transplanted	Girth (cm)	Min. Height (cm)	Root Condtion / Pot Size	Density
BSS	Buxus sempervirens 'Suffruticosa'			10-15cm	2L	4/m
EDS	Escallonia 'Donard Seedling'			40-60cm	3L	3/m

CLIMBERS - Ready trained on trelis

Abb.	Species	Height (cm)	Root Condition/Pot Size	Min. Breaks/Habit
CMO	Clematis montana	60-80cm	5L	Climbers

BULB MIX - to be planted in species groups of 15 @ 10/m sq

Abb.	Botanical Name
ANW	Anemone nemorosa 'Wood Anemone' 15%
AUR	Allium ursinum 'Ramsons' 15%
GNS	Galanthus nivalis 'Snowdrop' 15%
HNBB	Hyacinthoides non-scripta 'Blue Bell' 20%
NPW	Narcissus pseudonarcissus 'Wild Daffodil' 15%
RFLC	Ranunculus ficaria 'Lesser Celandine' 20%

Abb.	Botanical Name	Form/X Transplated	Height (cm)	Root Condition/Pot Size	Min. Breaks/Habit	Density
AJv	Aucuba japonica 'Variegata'	Full Even Spread	40-60cm	5L		3/m²
CAB	Cerastis x Autumnal Blue'	Full Even Spread	40-60cm	2L		3/m²
CTR	Ceanothus thyrsiflorus repens	Full Even Spread	30-40cm	3L		4/m²
CD	Cotoneaster dammeri	Full Even Spread	30-40cm	3L		4/m²
EEG	Euonymus fortunei 'Emerald 'n' Gold'	Full Even Spread	20-30cm	3L		4/m²
GL	Genista lydia	Full Even Spread	20-30cm	3L		4/m²
HAG	Hebe 'Autumn Glory'	Full Even Spread	30-40cm	3L		4/m²
HMS	Hebe 'Midsummer Beauty'	Full Even Spread	30-40cm	3L		4/m²
HHG	Hedera helix 'Glacier'	Full Even Spread	40-60cm	2L		4/m²
HMT	Hypericum x moserianum 'Tricolor'	Full Even Spread	30-40cm	3L		4/m²
KJP	Kerria japonica 'Pleniflora'	Full Even Spread	30-40cm	3L		4/m²
LP	Lonicera pileata	Full Even Spread	30-40cm	3L		4/m²
PFF	Pieris 'Forest Flame'	Full Even Spread	40-60cm	5L		3/m²
PJ	Pieris japonica	Full Even Spread	30-40cm	3L		3/m²
PE	Potentilla fruticosa 'Elizabeth'	Full Even Spread	20-30cm	3L		4/m²
PLO	Prunus laurocerasus 'Otto Luyken'	Full Even Spread	60-80cm	5L		4/m²
RSK	Ribes sanguineum 'King Edward VII'	Full Even Spread	60-80cm	3L		3/m²
RMG	Rosa 'Red Max Graf'	Full Even Spread	40-60cm	3L		4/m²
SS	Senecio 'Sunshine'	Full Even Spread	30-40cm	3L		4/m²
SKJ	Skimmia japonica	Full Even Spread	30-40cm	3L		3/m²
SJA	Spiraea japonica 'Anthony Waterer'	Full Even Spread	30-40cm	3L		4/m²
VD	Viburnum davidii	Full Even Spread	25-30cm	3L		3/m²
VM	Vinca minor	Full Even Spread	25-30cm	3L		5/m²

SEED MIXES - available from british seed houses ltd tel: 01522 868714
wildflower seed mix sown @ 0.5-1.0g/m² www.britishseedhouses.com

WILDFLOWER SEED MIX	
Botanical Name	
Achillea millefolium 'Yarrow'	Lotus ulignosus 'Marsh Trefoil'
Anthriscus sylvestris 'Cow Parsley'	Lychnis flos-cuculi 'Ragged Robin'
Centaurea nigra 'Common knapweed'	Onobrychis vicifolia 'Sainfoin'
Conopodium majus 'Plantain Pignut'	Plantago lanceolata 'Ribwort'
Galium verum 'Lady's Bedstraw'	Prunella vulgaris 'Self- Heal'
Geranium pratense 'Meadow Cranesbill'	Ranunculus acris 'Meadow Buttercup'
Hypericum perfoatum 'St John's wort'	Rhinanthus minor 'Yellow Rattle'
Leucanthemum vulgare 'Ox-eye Daisy'	Sanguisorba minor ' Salad Burnet'
Linum usitatissimum 'Common Flax'	scabiosa columbaria 'Small Scabious'
Lotus corniculatus 'Birdsfoot Trefoil'	Vicia sativa 'Common Vetch'

AMENDED PLANS
REC'D BY JMills DATE 4 Oct 2011

Amendments to latest layout	Nov 11	B
Amendments to client comment	July 11	A

tba landscape architecture
Landscape Architecture
Urban Design
Environmental Planning
7-9 St Michael's Square
Ashton-under-Lyne
Lancs OL6 6LF
Tel: 0161-308 3765
Fax: 0161-343-3513
E-mail; info@trevorbridge.co.uk

Project
CRESSINGTON HEATH, GARSTON
REDROW LANCASHIRE

Title
Landscape proposal
plots 1-49

Date	Scale(s)	Dwg no	Rev
JULY 11	1:250 @ A0	4050.01	B

Dwn HS Chkd JW