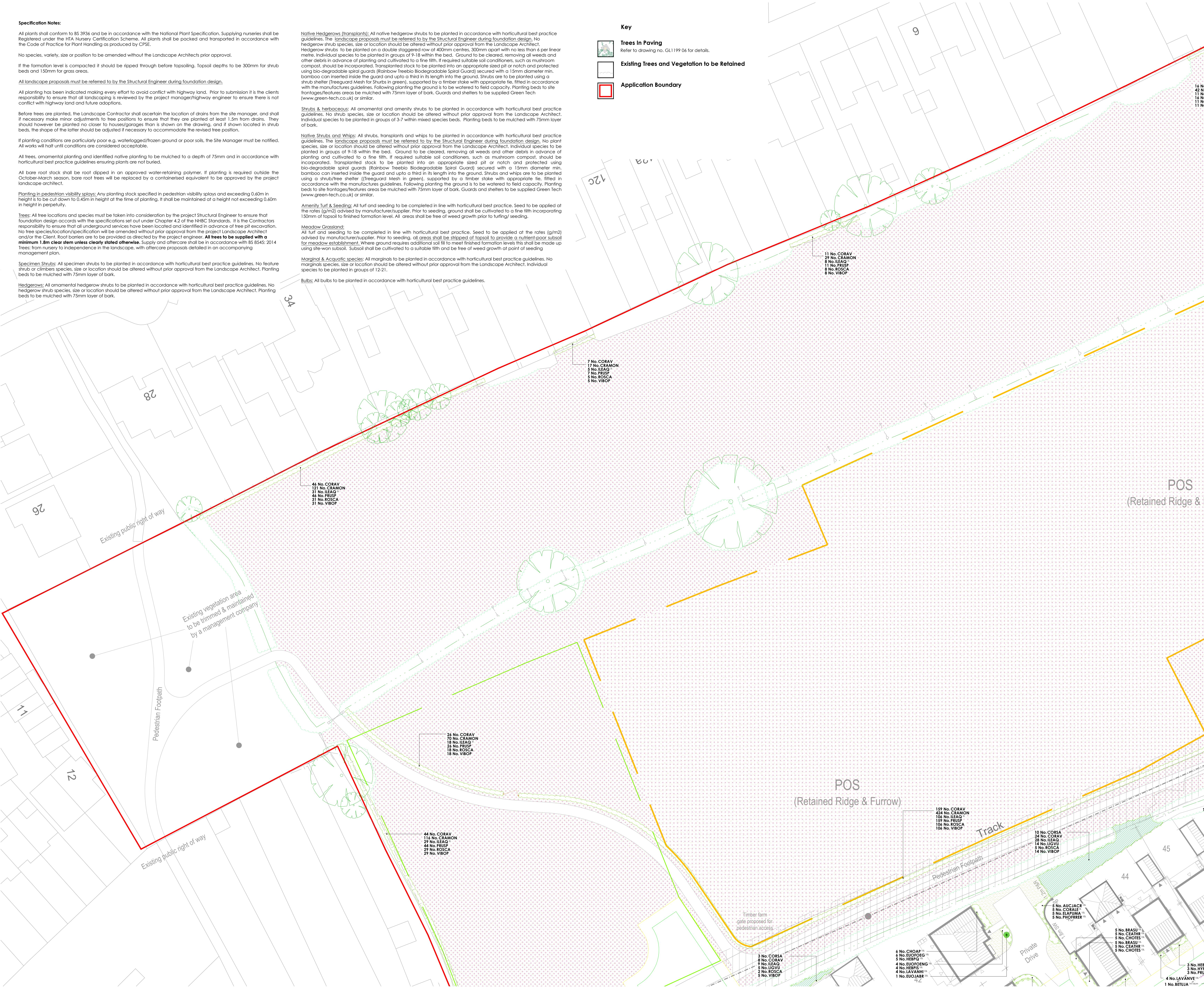




Specification Notes:

All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be Registered under the HTA Nursery Certification Scheme. All plants shall be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE.

No species, variety, size or position to be amended without the Landscape Architects prior approval.

If the formation level is compacted it should be ripped through before topsoiling. Topsoil depths to be 300mm for shrub beds and 150mm for grass areas.

All landscape proposals must be referred to by the Structural Engineer during foundation design.

All planting has been indicated making every effort to avoid conflict with highway land. Prior to submission it is the clients responsibility to ensure that all landscaping is reviewed by the project manager/highway engineer to ensure there is not conflict with highway land and future adaptations.

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 desired tree position.

If planting conditions are particularly poor e.g. waterlogged/frozen ground or poor soils, the Site Manager must be notified. All works will halt until conditions are considered acceptable.

All trees, ornamental planting and identified native planting to be mulched to a depth of 75mm and in accordance with horticultural best practice guidelines ensuring plants are not buried.

All bare root stock shall be root dipped in an approved water-retaining polymer. If planting is required outside the October-March season, bare root trees will be replaced by a containerised equivalent to be approved by the project landscape architect.

Planting in pedestrian visibility splay: Any planting stock specified in pedestrian visibility splay and exceeding 0.60m in height is to be cut down to 0.45m in height at the time of planting. It shall be maintained at a height not exceeding 0.60m in height in perpetuity.

Trees: All tree locations and species must be taken into consideration by the project Structural Engineer to ensure that foundation design accords with the specifications set out under Chapter 4.2 of the NWC Standards. It is the Contractors responsibility to ensure that all underground services have been located and identified in advance of a free pit excavation. No tree species/location/specification will be amended without prior approval from the project Landscape Architect and/or the Client. Root barriers are to be provided as directed by the project engineer. **All trees to be supplied with a minimum 1.8m clear stem unless clearly stated otherwise.** Supply and off-site shall be in accordance with BS 8545: 2014

Trees: from nursery to independence in the landscape, with aftercare proposals detailed in an accompanying management plan.

Specimen Shrubs: All specimen shrubs to be planted in accordance with horticultural best practice guidelines. No feature shrub or climbers species, size or location should be altered without prior approval from the Landscape Architect. Planting beds to be mulched with 75mm layer of bark.

Hedgerows: All ornamental hedgerow shrubs to be planted in accordance with horticultural best practice guidelines. No hedgerow shrub species, size or location should be altered without prior approval from the Landscape Architect. Planting beds to be mulched with 75mm layer of bark.

Native Hedgerows (transplants): All native hedgerow shrubs to be planted in accordance with horticultural best practice guidelines. The landscape proposals must be referred to by the Structural Engineer during foundation design. No hedgerow shrub species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 3-7 within mixed species beds. Planting beds to be mulched with 75mm layer of bark.

Shrubs & herbaceous: All ornamental and amenity shrubs to be planted in accordance with horticultural best practice guidelines. No shrub species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 3-7 within mixed species beds. Planting beds to be mulched with 75mm layer of bark.

Native Shrubs and Whips: All shrubs, transplants and whips to be planted in accordance with horticultural best practice guidelines. The landscape proposals must be referred to by the Structural Engineer during foundation design. No plant species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 3-7 within the bed. Ground to be cleared, removing all weeds and other debris in advance of planting and cultivated to a fine tilth. If required suitable soil conditions, such as mushroom compost, should be incorporated. Transplanted stock to be planted into an appropriate sized pit or notch and protected using bio-degradable spiral guards (Rainbow Treeliso Biodegradable Spiral Guard) secured with a 15mm diameter min. bamboo can inserted inside the guard and upto a third in its length into the ground. Shrubs are to be planted using a shrub shelter (Treeguard Mesh for shrubs in green), supported by a timber stake with appropriate tie, fitted in accordance with the manufacturers guidelines. Following planting the ground is to be watered to field capacity. Planting beds to site frontages/features areas be mulched with 75mm layer of bark. Guards and shelters to be supplied Green Tech (www.green-tech.co.uk) or similar.

Amenity Turf & Seeding: All turf and seeding to be completed in line with horticultural best practice. Seed to be applied at the rates (g/m²) advised by manufacturer/supplier. Prior to seeding, ground shall be cultivated to a fine tilth incorporating 150mm of topsoil to finished formation level. All areas shall be free of weed growth prior to turfing/ seeding.

Meadow Grassland: All turf and seeding to be completed in line with horticultural best practice. Seed to be applied at the rates (g/m²) advised by manufacturer/supplier. Prior to seeding, all areas shall be stripped of topsoil to provide a nutrient-poor subsoil for meadow establishment. Where ground requires additional soil fill to meet finished formation levels this shall be made up using site-won subsoil. Subsoil shall be cultivated to a suitable tilth and be free of weed growth at point of seeding.

Marginal & Aquatic species: All marginals to be planted in accordance with horticultural best practice guidelines. No marginals species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 12-21.

Bulbs: All bulbs to be planted in accordance with horticultural best practice guidelines.

Key

- Trees In Paving**
Refer to drawing no. GL1199 06 for details.
- Existing Trees and Vegetation to be Retained**
- Application Boundary**

PLANT SCHEDULE

Trees - On Plot									
Abbr	Species	Supply	Size	Girth	Number				
AMABH	Ameiobanchler arborea 'Robin Hill'	PLT Heavy Standard	Clear Stem 175-200 8B	350-425cm	12-14cm	2			
MAGKI	Magnolia kobus 'Id'	PLT Heavy Standard	Clear Stem 175-200 8B	350-425cm	12-14cm	15			
SORAUICR	Sorbus aucuparia 'Cardinal Royal'	PLT Heavy Standard	Clear Stem 175-200 8B	350-425cm	12-14cm	1			
BEJUJA	Betula utilis jacquemontii	PLT Extra Heavy Standard	Clear Stem 175-200 C 90L	425-450cm	14-16cm	7			
MALIBH	Malus hibabola	PLT Heavy Standard	Clear Stem 175-200 8B	425-450cm	14-16cm	4			
Total: 29									
Trees - POS									
Abbr	Species	Supply	Size	Girth	Number				
BEJU	Betula utilis jacquemontii	POS Feather Multi-Stemmed C 90L	350-425cm		3				
ACCEAM	Acer campestre	POS Light Standard	Clear Stem 150-175 8B	200-250cm	6-8cm	4			
CARBEI	Carpinus betulus	POS Light Standard	Clear Stem 150-175 8B	200-250cm	6-8cm	5			
FAGSY	Fagus sylvatica	POS Light Standard	Clear Stem 150-175 8B	200-250cm	6-8cm	1			
PRUAV	Prunus avium	POS Light Standard	Clear Stem 150-175 8B	200-250cm	6-8cm	4			
SORAU	Sorbus aucuparia	POS Light Standard	Clear Stem 150-175 8B	200-250cm	6-8cm	8			
MALEV	Malus 'Everest'	POS Heavy Standard	Clear Stem 175-200 8B	350-425cm	12-14cm	4			
PHYCACR	Pyrus calleryana 'Charitae'	POS Extra Heavy Standard	Clear Stem 175-200 8B	450-425cm	16-18cm	1			
BEJUJA	Betula utilis jacquemontii	POS Extra Heavy Standard	Clear Stem 175-200 C 90L	450-425cm	18-20cm	12			
FAGPUJA	Fagus sylvatica 'Purpurea'	POS Semi-Mature	Clear Stem min. 200 8B	600cm+	30-35cm	1			
Total: 43									
Specimen Shrubs & Climbers									
Abbr	Species	Pot Size	Height	Habit	Number				
BUX CON	Buxus sempervirens	25L	100-125cm	Topiary cone	27				
EUDJABR	Eunymia japonica 'Bravo'	25L	100-120cm	Bushy	11				
FAJA	Fatsia japonica	25L	100-120cm	Bushy	2				
PHO HAL	Photinia fraseri 'Red Robin'	25L	150-175cm	Topiary half std 50-60cm head	19				
PHOFREER	Photinia x fraseri 'Red Robin'	70-90L	225-250cm	Standard: 12-14cm gth	20				
					Total: 79				
Single Species Hedgerows									
Abbr	Species	Pot Size	Height	Habit	Density	Number			
ELABE	Elaeagnus x ebbingei	5L	40-60cm	Bushy	0.4Cfr	86			
EUPAPH	Eunymia japonica 'Jean Hughes'	10L	40-60cm	Bushy	0.35Cfr	285			
LAVANVE	Lavandula angustifolia 'Vera'	10L	30-40cm	Bushy	0.35Cfr	32			
FRULU	Fraxinus latifolia	10L	80-100cm	Bushy	0.4Cfr	1373			
Total: 1776									
Shrubs - On Plot									
Abbr	Species	Pot Size	Height	Habit	Density	Number			
AUCJACR	Aucuba japonica 'Crotanfolia'	10L	60-80cm	Bushy	0.8Cfr	81			
AUCJABR	Aucuba japonica 'Rozanne'	10L	60-80cm	Bushy	0.7Cfr	7			
BRASU	Brachyglottis 'Sunshine'	10L	40-60cm	Bushy	0.7Cfr	150			
CAR EYE	Carex Evergold	10L	30-40cm	Bushy	0.5Cfr	94			
CEATHR	Ceanothus thyrsiflorus repens	10L	40-60cm	Bushy	0.7Cfr	150			
CHODAP	Choysia 'Aztec Pearl'	10L	40-60cm	Bushy	0.7Cfr	77			
CHOTES	Choysia tomentosa 'Sundance'	10L	40-60cm	Bushy	0.7Cfr	507			
CORALE	Cornus alba 'Elegantissima'	3L	60-80cm	Branched	0.8Cfr	49			
ELAFUMA	Elaeagnus pungens 'Maculata'	10L	60-80cm	Bushy	0.8Cfr	81			
EUCOFENS	Eunymia fortunei 'Emerald n' Gold'	10L	30-40cm	Bushy	0.7Cfr	172			
EUCOFEG	Eunymia fortunei 'Emerald Galaxy'	10L	30-40cm	Bushy	0.7Cfr	82			
FES GLA	Festuca glauca	10L	30-40cm	Bushy	0.5Cfr	120			
HEMAR	Hebe 'Marjorie'	10L	40-60cm	Bushy	0.7Cfr	36			
HEMW	Hebe 'Mrs Winder'	10L	30-40cm	Bushy	0.7Cfr	84			
HEBPQ	Hebe 'Purple Queen'	10L	30-40cm	Bushy	0.7Cfr	163			
HEBALRE	Hebe californica 'Red Edge'	10L	30-40cm	Bushy	0.7Cfr	179			
HEBRVA	Hebe franciscana 'Variegata'	10L	40-60cm	Bushy	0.7Cfr	80			
HEPIS	Hebe pinguifolia 'Sutherland'	10L	30-40cm	Bushy	0.7Cfr	67			
HYPHI	Hypericum 'Hidcote'	10L	40-60cm	Bushy	0.7Cfr	34			
LAVANHI	Lavandula angustifolia 'Hidcote'	10L	30-40cm	Bushy	0.7Cfr	92			
LAVANHU	Lavandula angustifolia 'Humboldt'	10L	30-40cm	Bushy	0.7Cfr	72			
LAVANVE	Lavandula angustifolia 'Vera'	10L	30-40cm	Bushy	0.7Cfr	150			
PHOFREER	Photinia x fraseri 'Red Robin'	10L	60-80cm	Bushy	0.8Cfr	90			
PITTEI	Philadelphus tenuiflorum 'Tom Thumb'	10L	30-40cm	Bushy	0.7Cfr	135			
PRULAC	Prunus laurocerasus 'Otto Luyken'	10L	60-80cm	Bushy	0.7Cfr	143			
ROSOF	Rosmarinus officinalis	10L	40-60cm	Bushy	0.7Cfr	101			
SARHOU	Sarcococca humilis	10L	30-40cm	Bushy	0.7Cfr	23			
SKJABU	Siermnia japonica 'Rubella'	10L	40-60cm	Bushy	0.7Cfr	207			
VIBDA	Viburnum davidii	10L	40-60cm	Bushy	0.7Cfr	35			
Total: 3261									
Shrubs - Groundcover									
Abbr	Species	Pot Size	Height	Habit	Density	Number			
BERWI	Berberis wilsoniae	3L	20-30cm	Bushy	0.6Cfr	39			
COTMI	Cotoneaster microphyllus	3L	30-40cm	Bushy	0.6Cfr	52			
EUCOGIA	Eunymia fortunei 'Emerald Galaxy'	3L	20-30cm	Bushy	0.6Cfr	52			
HYPCA	Hypericum calycinum	3L	20-30cm	Bushy	0.6Cfr	39			
FACTIE	Pachysandra terminalis	3L	20-30cm	Bushy	0.6Cfr	78			
Total: 280									
Native Mix Species Hedgerow									
Abbr	Species	Supply	Height	Density	Mix %	Number			
CORAV	Cornus ovata	11+1:3 Breaks	60-80cm	0.4Cfr Double Staggered	0.4m offset	158	337		
CRAMON	Crataegus monogyna	11+1:3 Breaks	60-80cm	0.4Cfr Double Staggered	0.4m offset	40%	889		
IEAQ	Ilex aquifolium	2L:3 Breaks	40-60cm	0.4Cfr Double Staggered	0.4m offset	10%	227		
PRUP	Prunus spinosa	11+1:3 Breaks	60-80cm	0.4Cfr Double Staggered	0.4m offset	15%	337		
ROSCA	Rosa canina	11+1:3 Breaks	60-80cm	0.4Cfr Double Staggered	0.4m offset	10%	227		
VIBOP	Viburnum opulus	11+1:3 Breaks	60-80cm	0.4Cfr Double Staggered	0.4m offset	10%	227		
Total: 2244									
Native Shrub Mix									
Abbr	Species	Supply	Height	Density	Number				
CORSA	Cornus sanguinea	11+1:3 Breaks	60-80cm	1Cfr	13				
CORAV	Cornus ovata	11+1:3 Breaks	60-80cm	1Cfr	32				
IEAQ	Ilex aquifolium	2L:3 Breaks	40-60cm	1Cfr	37				
UGUV	Ugultum vulgare	11+1:3 Breaks	60-80cm	1Cfr	19				
ROSCA	Rosa canina	11+1:3 Breaks	60-80cm	1Cfr	7				
VIBOP	Viburnum opulus	11+1:3 Breaks	60-80cm	1Cfr	19				
Total: 127									
Marginal / Aquatics									
Abbr	Species	Supply	Pot Size	Density	Area	Number			
CARAC	Carex acuta	Plug 100cc	10cm	12.75m²		131			
EPHAL	Elaeagnus palustris	Plug 100cc	10cm	12.75m²		131			
GLYMAX	Glyceria maxima	Plug 100cc	10cm	12.75m²		131			
IRIPS	Iris pseudacorus	Plug 100cc	10cm	17m²		173			
JUNEF	Juncus effusus	Plug 100cc	10cm	12.75m²		131			
JUNIN	Juncus inflexus	Plug 100cc	10cm	12.75m²		131			
SAGSA	Sagittaria sagittifolia	Plug 100cc	10cm	12.75m²		131			
SCILA	Scirpus lacustris	Plug 100cc	10cm	12.75m²		131			
Total: 106,25m²						Total: 1090			
Turf Areas									
Seed Mix Name	Seed Mix Supplier	Density							
Madison turf	Robson Ltd								
Amenity Grassland Areas									
Seed Mix Name	Seed Mix Supplier	Density							
EL1 - Flowering Lawn Mix	Emmagine Seeds	4g/m²							
Amenity Meadow Areas									
Seed Mix Name	Seed Mix Supplier	Density							
EMI - General Purpose Meadow	Emmagine Seeds	4g/m²							
SuDS Meadow Areas									
Seed Mix Name	Seed Mix Supplier	Density							
EMB - Meadow Mixture for Wetland	Emmagine Seeds	4g/m²							
Existing Ridge and Furrow									
Existing ridge and furrow to be retained and managed.									
Existing Grassland									
Existing grassland to be retained and managed.									
Seasonal Native bulbs									
Species	Hyacinthoides non-scripta - (English Bluebell) 30% of area Galanthus nivalis (Snowdrops) 30% of area Narcissus pseudonarcissus (Wild Daffodil) - 35% of area								
Client: Davidsons Developments									