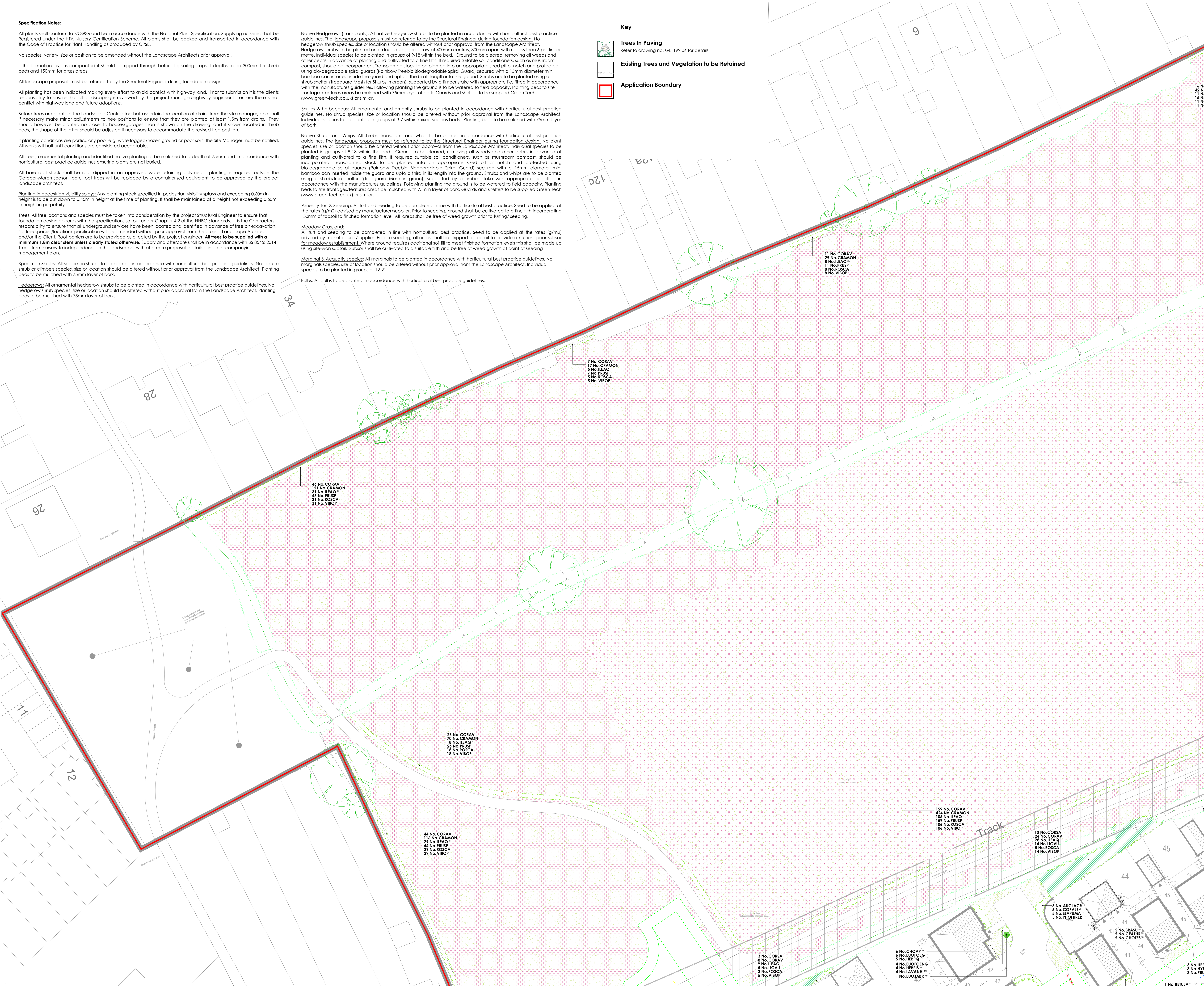




Specification Notes:

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 revised 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 plays: Any planting stock specified in pedestrian visibility plays 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 NBS 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 climber 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. Hedgerow shrubs to be planted on a double staggered row at 400mm centres, 300mm apart with no less than 6 per linear metre. Individual species to be planted in groups of 9-18 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 Treesto 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.

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 9-18 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 Treesto 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 and whips are to be planted using a shrub/shelter (Treeguard Mesh 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			Supply			Size			Girth			Number		
Abbr	Species													
AMABH	Ameioclathrus arborea 'Robin Hill'		PLT	Heavy Standard	Clear Stem	175-200	8B	350-425cm	12-14cm			2		
MAGK	Magnolia kobus 'Ida'		PLT	Heavy Standard	Clear Stem	175-200	8B	350-425cm	12-14cm			15		
SORAU	Sorbus aucuparia 'Cardinal Royal'		PLT	Heavy Standard	Clear Stem	175-200	8B	350-425cm	12-14cm			1		
BEUJA	Betula ulula jacquemontii		PLT	Extra Heavy Standard	Clear Stem	175-200	C 50L	425-400cm	14-16cm			7		
MALIB	Malus hibabala		PLT	Heavy Standard	Clear Stem	175-200	8B	425-400cm	14-16cm			4		
													Total	29
Trees - POS			Supply			Size			Girth			Number		
Abbr	Species													
BEUJ	Betula ulula jacquemontii		POS	Feather	Multi-Stemmed	C 90L		350-425cm				3		
ACCEAM	Acer caudatum		POS	Light Standard	Clear Stem	150-175	8B	200-250cm	6-8cm			4		
CARBET	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		
PRUV	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		
PHYCAC	Pyrus calleryana 'Charitae'		POS	Extra Heavy Standard	Clear Stem	175-200	8B	450-425cm	16-18cm			1		
BETIACA	Betula ulula jacquemontii		POS	Extra Heavy Standard	Clear Stem	175-200	C 90L	450-425cm	18-20cm			12		
FAGUPRA	Fagus sylvatica 'Purpurea'		POS	Semi-Mature	Clear Stem	min. 200	8B	600cm+	30-35cm			1		
													Total	43

Specimen Shrubs & Climbers			Pot Size			Height			Habit			Number		
Abbr	Species													
BUX COO	Buxus sempervirens		25L			100-125cm			Topiary cone			26		
EUJASBR	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	78

Single Species Hedgerows			Pot Size			Height			Habit			Density			Number		
Abbr	Species																
ELAB	Elaeagnus x ebbingelii		SL			40-60cm			Bushy	0.4Cfr	86						
EUAPHJ	Eunymia japonica 'Jean Hugues'		10L			40-60cm			Bushy	0.35Cfr	242						
LAVANVE	Lavandula angustifolia 'Vera'		10L			30-40cm			Bushy	0.35Cfr	32						
FRULU	Fraxinus latifolia		10L			80-100cm			Bushy	0.4Cfr	1344						
															Total	1704	

Shrubs - On Plot			Pot Size			Height			Habit			Density			Number		
Abbr	Species																
AUCJACR	Aucuba japonica 'Crotanifolia'		10L			60-80cm			Bushy	0.8Cfr	78						
AUCJACR	Aucuba japonica 'Rozanne'		10L			60-80cm			Bushy	0.7Cfr	7						
BRASU	Broxyglossis 'Sunshine'		10L			40-60cm			Bushy	0.7Cfr	140						
CAR EYE	Carex Evergold		10L			30-40cm			Bushy	0.5Cfr	94						
CEATHR	Ceanothus thyrsiflorus repens		10L			40-60cm			Bushy	0.7Cfr	142						
CHODAP	Choysia 'Aztec Pearl'		10L			40-60cm			Bushy	0.7Cfr	80						
CHOTES	Choysia tomentosa 'Sundance'		10L			40-60cm			Bushy	0.7Cfr	490						
CORALE	Cornus alba 'Elegantissima'		3L			60-80cm			Branched	0.8Cfr	46						
ELAFUMA	Elaeagnus pungens 'Maculata'		10L			60-80cm			Bushy	0.8Cfr	78						
EUJOFENS	Eunymia fortunei 'Emerald n' Gold'		10L			30-40cm			Bushy	0.7Cfr	186						
EUJOFEG	Eunymia fortunei 'Emerald Galaxy'		10L			30-40cm			Bushy	0.7Cfr	85						
FES GLA	Festuca glauca		10L			30-40cm			Bushy	0.5Cfr	120						
HEMAR	Hebe 'Marjorie'		10L			40-60cm			Bushy	0.7Cfr	37						
HEMW	Hebe 'Yes Windsor'		10L			30-40cm			Bushy	0.7Cfr	88						
HEBPQ	Hebe 'Purple Queen'		10L			30-40cm			Bushy	0.7Cfr	166						
HEBALRE	Hebe elcansoni 'Red Edge'		10L			30-40cm			Bushy	0.7Cfr	180						
HEBRVA	Hebe franciscana 'Variegata'		10L			40-60cm			Bushy	0.7Cfr	79						
HEPIS	Hebe pinguifolia 'Sutherland'		10L			30-40cm			Bushy	0.7Cfr	65						
HYPHI	Hypericum 'Hidcote'		10L			40-60cm			Bushy	0.7Cfr	35						
LAVANHI	Lavandula angustifolia 'Hidcote'		10L			30-40cm			Bushy	0.7Cfr	87						
LAVANHU	Lavandula angustifolia 'Huntstead'		10L			30-40cm			Bushy	0.7Cfr	73						
LAVANVE	Lavandula angustifolia 'Vera'		10L			30-40cm			Bushy	0.7Cfr	159						
PHOFREER	Photinia x fraseri 'Red Robin'		10L			60-80cm			Bushy	0.8Cfr	87						
PITTEI	Philadelphus tenuiflorum 'Tom Thumb'		10L			30-40cm			Bushy	0.7Cfr	129						
PRULAC	Prunus laurocerasus 'Otto Luyken'		10L			40-60cm			Bushy	0.7Cfr	142						
ROSOF	Rosmarinus officinalis		10L			40-60cm			Bushy	0.7Cfr	103						
SARHOU	Sarcococca humilis		10L			30-40cm			Bushy	0.7Cfr	23						
SKJABU	Siermnia japonica 'Rubella'		10L			40-60cm			Bushy	0.7Cfr	202						
VIBDA	Viburnum davidii		10L			40-60cm			Bushy	0.7Cfr	34						
													Total	3235			

Shrubs - Groundcover			Pot Size			Height			Habit			Density			Number		
Abbr	Species																
BERWI	Berberis wilsoniae		3L			20-30cm			Bushy	0.6Cfr	39						
COLOMI	Coloreaster microphyllus		3L			30-40cm			Bushy	0.6Cfr	52						
EUCOSIA	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	Corylus ovellata	11+1:3 Breaks	60-80cm	0.4Cfr Double Staggered at 0.4m offset	135	337								
CRAMON	Crataegus monogyna	11+1:3 Breaks	60-80cm	0.4Cfr Double Staggered at 0.4m offset	40%	889								
IEAQ	Ilex aquifolium	2L:3 Breaks	40-60cm	0.4Cfr Double Staggered at 0.4m offset	10%	227								
PRUSP	Prunus spinosa	11+1:3 Breaks	60-80cm	0.4Cfr Double Staggered at 0.4m offset	135	337								
ROSCA	Rosa carolina	11+1:3 Breaks	60-80cm	0.4Cfr Double Staggered at 0.4m offset	10%	227								
VIBOP	Viburnum opulus	11+1:3 Breaks	60-80cm	0.4Cfr Double Staggered at 0.4m offset	10%	227								
						Total: 2244								