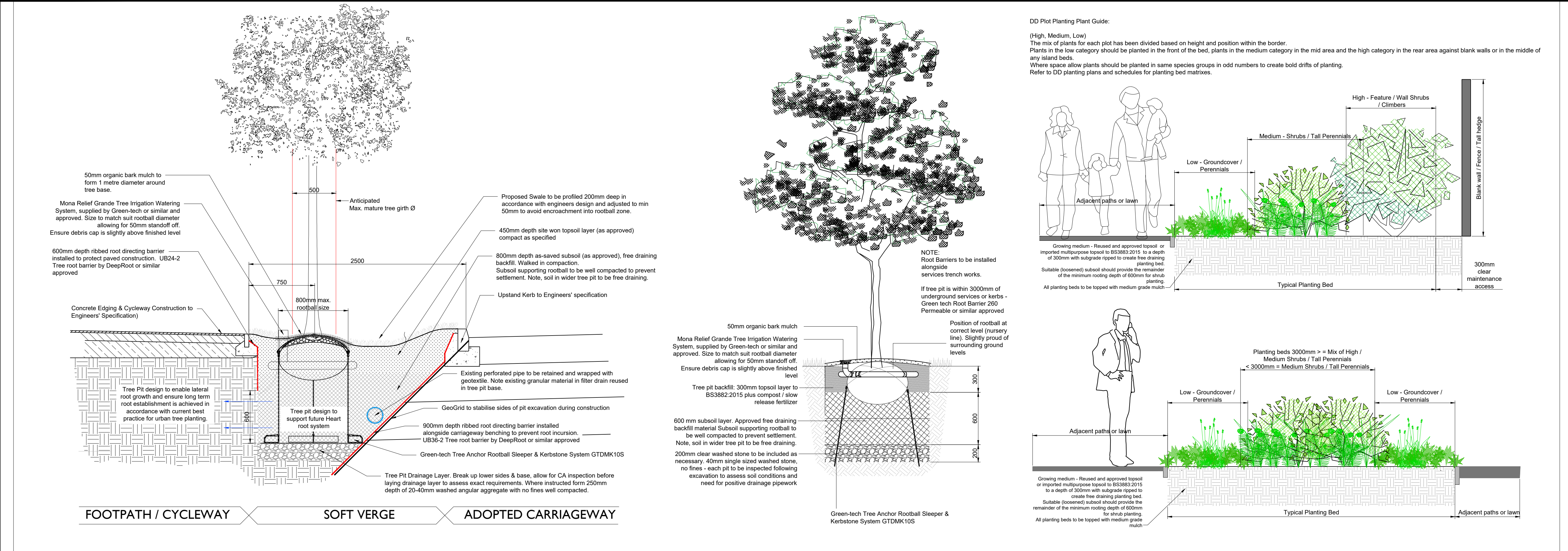




NOTES:

1. This drawing is to be read in conjunction with all relevant contract drawings and specifications with any conflicting information to be brought to the attention of Deacon Design before works commence on site.

2. Do not scale from this drawing, (except for planning application purposes only) always work to noted dimensions.

3. All given dimensions in mm.

Refer to DD557_99_D16 – Typical Front Garden Details for further information

Landscape Specification

General Notes:

It is the contractor's responsibility to check for services in this area before groundworks commence. Please refer to Project H&S file for specific site risks.

All materials and installation to be undertaken in line with best horticultural practice and in accordance with guidance set out in British Standards specified relevant to this note and current at time of installation. All landscape works to be undertaken by competent persons, with appropriate training and equipment.

All plants should be grown and sourced in the UK and should be supplied from a nursery approved in advance by the landscape architect. Any substitutes to be agreed prior to ordering.

All arisings to be removed from site at contractor's expense unless noted otherwise.

Growing Medium / Soil Depths

All topsoil and subsoil used in planting areas to be accordance with British Standard BS3882:2015 and BS8545:2014. Soil analysis of all imported / onsite material to be approved by the landscape architect in advance of works.

Topsoil Heaps should be agreed with the site manager and stored no deeper than 2 metres to retain aeration and friable / dry properties prior to cultivation. Use a tracked machine to for heap and protect from wet weather once final height is achieved.

Ameliorants including all composts, mulches and soil conditioners used in planting should be peat-free. The use of pesticides (herbicides, insecticides, fungicides and slug pellets) should be discouraged to prevent harm to wildlife. Any pesticides used should be non-residual.

Planting beds should be suitably cultivated and ripped to allow aeration and avoid waterlogging. Topsoil should be friable and the depth should not exceed 300mm. Topsoil varies depending on the planting type: 300mm for tree planting, 300mm shrub planting, 150mm for amenity grass/turf and 50mm for wildflower seeding to aid germination.

Suitable (loosened) subsoil should provide the remainder of the minimum rooting depth to achieve an overall depth of: 900mm for tree planting, 600mm shrub planting, 450mm for amenity grass/turf. Prior to spreading topsoil, the receiving area should be decompacted to increase permeability.

Planting

Trees and shrubs to be in accordance with NPS / BS 3936 British Standard BS 3936-1, Nursery Stock Specification for Trees and Shrubs. Avoid planting during period of hard frost and ensure all field grown (bare root / rootball) stock is planted inside the planting season typically November to March. All Container growing planting should have Full Pots and can be planted throughout the year subject to the right conditions and ensure all plants are suitably watered during dry periods.

Planting Trees

All tree should be provided with adequate space for future root growth. Where possible this should be through natural soil conditions or by using a proprietary structural tree soil / root cell system. Refer to Tree Pit Details, where provided.

Unless shown otherwise; tree pits to be 300mm larger than the rootball on all sides. Where necessary include a 100mm layer of horticultural grit to base of trench to aid free draining prior to backfilling with the approved subsoil / topsoil layer to the field grown/nursery height. Where the ground conditions result in the base of the tree pits being compacted or not free draining, pits and trenches will require positive drainage to all trees to thrive.

Tree Support and Accessories

Unless stated otherwise all tree should be provided with suitable supports and biodegradable tree tie as set out below:

- Standard Trees - Single Stake
- Heavy - Extra Heavy - Double Staked
- Extra Heavy to Semi Mature - Triple Staked
- Semi Mature - Proprietary underground guying.

All trees to be planted with proprietary aeration/irrigation pipe installed to manufacturers recommendations. Trees planted in formal grass / lawn areas to include 1m diameter bare circle and bark mulched to a depth of 75mm to avoid strimmer damage to trunk / water demand.

Root Barriers
Linear root barriers are to be installed in locations confirmed by the project engineer to protect services/surface treatments as required. Root barriers should be set min. 1.2m from the center of the trunk and set as close to the surface as possible. Linear root barriers should be installed to the manufacturers guidance, using a min. 600mm depth root barrier to protect adjacent surfaces. Where root barriers are for the protection of services or below ground attenuation, the root barrier should extend 300mm lower than the invert level of services. For details of services and any specific requirements, refer to engineer's drawings.

Planting Shrubs - to be planted in prepared beds, back filled and firmed to nursery level. All plants to be set min 300mm from building/wall facades to enable access. Where turf abuts a building façade, a 300mm gravel strip should be provided (not drawn).

Planting Formal Hedges - To be planted in double staggered rows (unless otherwise specified) along either side of a central timber post and 3 wire fence to aid establishment (unless adjacent to an alternative boundary treatment).

After planting all trees and shrubs are to be well watered, lightly firmed, mulched with 75mm of medium grade FSC certified bark mulch ensuring no damage to the plants.

Rabbit proof fencing or spiral/canes may be required to protect the establishment of the plants

Turfing to occur in April-May or September-October subject to suitable weather conditions.

Once planted all areas must be kept adequately watered to ensure establishment and all areas must be kept weed and litter free at all times.

Implementation Programme
Unless agreed otherwise all planting to be undertaken in the first available planting season following construction of the adjacent building.

Management and Maintenance (Refer to Supporting Landscape Management Plan, where provided).

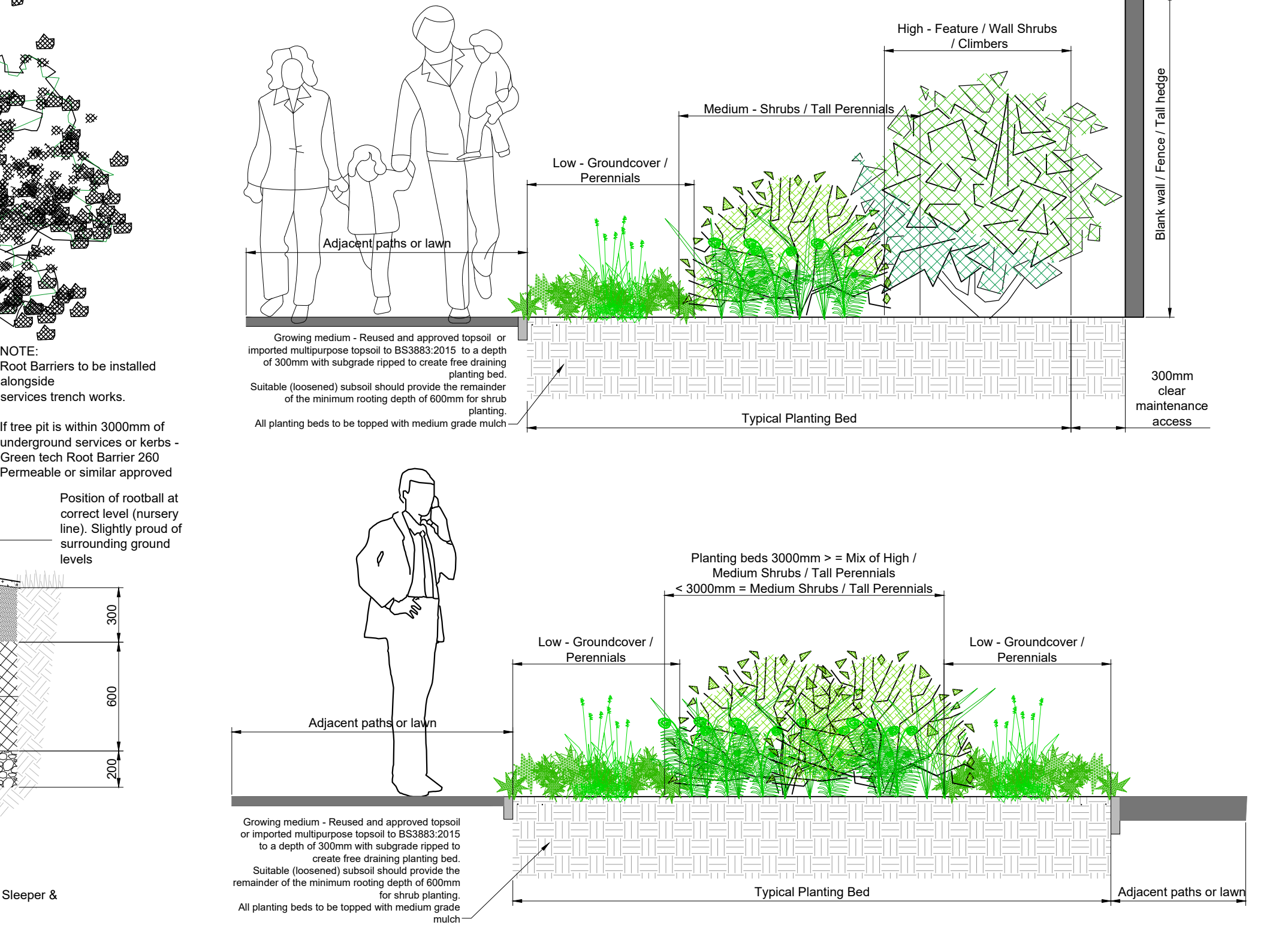
Establishment - Trees and shrubs will be watered to ensure they thrive through dry weather and re-firmed after strong winds or frost heave

Annual Maintenance - Trees and Shrubs - Tree ties to be adjusted, to be checked for damaged branches/stem and pruned in accordance with good horticultural practice, where they have died or failed to thrive they will be replaced, incorporate a slow release fertilizer as per manufactures rates, topping up mulch to ensure 75mm depth.

Defects period to be instructed for planting works to ensure replacement of dead/dying planting stock (with same sized specimens) within subsequent planting season. Defects periods recommended: min two year defects period for tree planting, min one year defects period for shrub/herbaceous planting and min 6 months for wildflower/grassed areas.
- All planting works to conform to BS 4428:1989; Code of Practice for General Landscape Operations (Excluding Hard Landscape Operations).
- All maintenance operations to conform to BS 7030:1993 Part 4 1993; Recommendations for Maintenance of Soft Landscape (Except Amenity Turf).

DD Plot Planting Plant Guide:

(High, Medium, Low)
The mix of plants for each plot has been divided based on height and position within the border. Plants in the low category should be planted in the front of the bed, plants in the medium category in the mid area and the high category in the rear area against blank walls or in the middle of any island beds.
Where space allow plants should be planted in same species groups in odd numbers to create bold drifts of planting.
Refer to DD planting plans and schedules for planting bed matrices.



Planting Schedule

No.	Species Name	Common Name	Specification	Density	Girth	Pot Size	Height
171	Acer campestre	Common Maple	C :Instant hedge	1/m			1.2-1.5 m
9	Acer campestre	Common Maple	C :Instant Mixed Native Hedge				1.0-1.5m
12	Acer campestre 'Streetwise'	Field Maple Streetwise	Extra Heavy Standard :Clear Stem min. 200 :RB	Counted	25-30cm		450-500cm
6	Acer davidii	Pere David's Maple	Multi-stem : :RB	Counted			450-500cm
13	Amelanchier lamarckii 'Robin Hill'	Juneberry	Extra Heavy Standard :Clear Stem min. 200 :RB	Counted	25-30cm		4.0-4.5m
279	Carpinus betulus	Common Hornbeam	Instant hedge :1m trough	1/m			1.0-1.2m
7	Fagus sylvatica	Common Beech	C :Instant hedge				1.0-1.5m
12	Juglans regia	Common Walnut	Extra Heavy Standard :Clear Stem min. 200 :C	Counted	25-30cm		5.0-6.0m
15	Malus domestica 'Cox's Orange Pippin'	Apple 'Cox's Orange Pippin'	M26 :RB	Counted			3.0-3.5m
14	Malus domestica 'Hovgate Wonder'		M26 :RB	Counted			3.0-3.5m
8	Prunus 'Sunset Boulevard'	Flowering Cherry 'Sunset Boulevard'	Extra Heavy Standard :Clear Stem min. 200 :C	Counted	20-25cm		4.0-5.0m
3	Prunus 'Umineko'	Flowering Cherry 'Umineko'	Advanced Nursery Stock :Clear Stem min. 200 :RB	Counted	18-20cm		
15	Prunus domestica 'Victoria'	Plum 'Victoria'	St Julian A :RB	Counted			3.0-3.5m
27	Sorbus aria 'Majestica'	Whitebeam 'Majestica'	Extra Heavy Standard :Clear Stem min. 200 :RB	Counted	25-30cm		5.0-6.0m
25	Sorbus commixta	Japanese Rowan	Clear Stem 175-200 :RB	Counted	14-16cm		3.5-4.0m
11	Sorbus thuringiaca 'Fastigiata'	Fastigate Bastard Service Tree	Extra Heavy Standard :Clear Stem min. 200 :RB	Counted	25-30cm		450-500cm
2	Tilia cordata 'Streetwise'	Small Leaf Lime	Extra Heavy Standard :Clear Stem min. 200 :C	Counted	25-30cm		5.0-6.0m
Total :628							

Shrubs (Plant in random groups of 1,3,5 and 7's)							
No.	Species Name	Common Name	Specification	Density	Pot Size	Height	
5	Abutilun unedo rubra		Bushy :C :Feature Shrub	Counted 10L		60-80cm	
3	Corylus avellana	Common Hazel	Bushy :C :Multi-stem	Counted 25-35L		175-200cm	
8	Corylus avellana	Common Hazel	C :Instant hedge			100-125cm	
12	Euonymus alatus 'Compactus'		Bushy :C	3/m²	5L		
55	Fuchsia 'Hawkshead'		Bushy :C	3/m²	5L	30-40cm	
19	Hydrangea arborescens 'Annabelle'	Sevenbark 'Annabelle'	Bushy :C	3/m²	5L		
13	Lavandula angustifolia 'Hidcote'	Lavender 'Hidcote'	Bushy :C	5/m²	5L	30-40cm	
94	Lavandula angustifolia 'Hidcote'	Lavender 'Hidcote'	Bushy :C	5/m	5L	30-40cm	
198	Lavandula intermedia 'Grosso'	English Lavender 'Grosso'	Bushy :C	5/m²	3L	30-40cm	
262	Ligustrum ovalifolium	Green Privet	C :Instant hedge	1/m		100-125cm	
29	Lonicera pileata 'Moss Green'	Privet Honeysuckle 'Moss Green'	Bushy :C	5/m²	3L	40-60cm	
10	Magnolia 'Stellata'	Star Magnolia	Bushy :C :Feature Shrub	Counted 10L		100-125cm	
24	Pachysandra terminalis 'Green Carpet'	Japanese Spurge 'Green Carpet'	Several shoots :C	7/m²	3L	15-20cm	
46	Phillyrea angustifolia		Bushy :C :Bushy :C	3/m²	5L	40-60cm	
6	Phillyrea angustifolia		Bushy :C	3/m²	5L	40-60cm	
12	Rosa 'Zephirine Drouhin'		Branched :C	Counted 5L		100-125cm	
4	Rosa canina	Dog Rose	Instant hedge			100-125cm	
19	Rosmarinus officinalis 'Miss Jessopp's Upright'	Rosemary 'Miss Jessopp's Upright'	Bushy :C	3/m²	5L	40-60cm	
159	Rosmarinus officinalis 'Prostratus'	Prostrate Rosemary	Branched :C	5/m²	3L	30-40cm	
398	Sarcococca hookerana humilis		Bushy :C	5/m²	3L		
106	Viburnum opulus		C :Instant hedge			100-125cm	
8	Viburnum opulus 'Compactum'	Guelder Rose	Bushy :C	3/m²	5L	40-60cm	
8	Viburnum plicatum 'Summer Snowflake'		Bushy :C :Feature Shrub	Counted 10L		60-80cm	

Climbers						
No.	Species Name	Common Name	Specification	Density	Pot Size	Height
19	Hydrangea petiolaris	Climbing Hydrangea	Several Shoots :Caned	Counted	10L	100-150cm
18	Lonicera japonica 'Halliana'	Japanese Honeysuckle 'Halliana'		Counted		
4	Lonicera periclymenum	European Honeysuckle	Instant hedge			100-150cm
10	Rosa 'Claire Austin'	Rose 'Claire Austin'	Branched :Caned	Counted		
8	Trachelospermum jasminoides		Branched :Caned	Counted	5-7.5L	100-150cm
12	Wisteria sinensis	Chinese Wisteria	Several Shoots :Caned	Counted		
Total :71						

Herbaceous (Plant in random groups of 1,3,5 and 7's)						
No.	Species Name	Common Name	Specification	Density	Pot Size	Height
336	Ajuga reptans	Bugle	C : Full Pot	7/m²		
229	Anemone hybrida 'Honore Jobert'	Windflower 'Honore Jobert'	Full Pot :C	5/m²	3L	
287	Bergenia 'Silverlicht'	Elephant's Ears 'Silverlicht'	Full Pot :C	5/m²	3L	
21	Epimedium rubrum	Barrenwort	Full Pot :C	7/m²	3L	
403	Geranium cantabrigiense 'Biokovo'		C : Full Pot	7/m²	3L	
12	Helleborus argutifolius		C	7/m²	2L	
21	Helleborus orientalis	Lenten Rose	Full Pot :C	7/m²	3L	
16	Nepeta 'Six Hills Giant'	Catmint 'Six Hills Giant'	C : Full Pot	5/m²	3L	
47	Oenothera 'Whirling Butterflies'		C : Full Pot	5/m²	3L	
228	Salvia nemorosa 'Caradonna'	Sage	C : Full Pot	5/m²	3L	
62	Saxifraga x urbium	London Pride	Full Pot :C	7/m²	3L	
21	Sedum 'Autumn Joy'	Stonecrop 'Autumn Joy'	C	6/m²	2L	
16	Stachys byzantina		C : Full Pot	5/m²	3L	
38	Tiarella 'Spring Symphony'		Full Pot :C	7/m²	3L	

Bulbs (Plant in uneven groups 5-9)				
No.	Species Name	Common Name	Specification	Density
110	Allium 'Globemaster'	Ornamental Onion 'Globemaster'	Grade 22/+	No.
285	Narcissus poeticus recurvus	Pheasants Eye Daffodil	Grade 10/12	No.
180	Narcissus pseudonarcissus lobularis		Grade 10/12	No.
Total :575				

Ferns						
No.	Species Name	Common Name	Specification	Density	Pot Size	Height
9	Polypodium vulgare	Common Polypody	Full Pot	5/m²	3L	
185	Polystichum setiferum	Soft Shield Fern	Full Pot	5/m²	3L	
Total :194						

Perennials (Plant In groups of 1,3,5 and 7's)						
No.	Species Name	Common Name	Specification	Density	Pot Size	Height
5	Erigeron karwinskianus	Mexican Fleabane	C :Full Pot	7/m²	3L	
Total :5						

FINAL

DATE	DRAWN	DESCRIPTION OF REVISION	REVISION LETTER	CHECKED BY	

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Welborne GV CG Fry Phase 2 RM Application

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Planting Schedule and Tree Pit Details

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