

Detailed Plant Schedule

Trees & Hedge Planting				
No.	Species Name	Common Name	Specification	Density Height
3644 No.	Carpinus betulus	Common Hornbeam	Hedge Planting: Double staggered :5/7 brks :RB 7/m	80-100cm
Total :3644 No.				

Shrubs (Plant in groups of 1,3,5 and 7's)

No.	Species Name	Common Name	Specification	Density	Pot Size	Height
56 No.	Aucuba japonica 'Rozannie'		C	3/m²	3L	60-80cm
52 No.	eanothus 'Autumnal Blue'	Californian Lilac 'Autumnal Blue'	C	3/m²	3L	60-80cm
35 No.	choisya 'Aztec Pearl'	Mexican Orange Blossom 'Aztec Pearl'	C	3/m²	3L	40-60cm
19 No.	Cornus sanguinea	Common Dogwood	C	3/m²	3L	60-80cm
50 No.	Cornus sanguinea 'Midwinter Fire'	Dogwood 'Midwinter Fire'	C	3/m²	3L	60-80cm
9 No.	Cornus stolonifera 'Flaviramea'	Yellow-stemmed Dogwood	C	3/m²	3L	60-80cm
182 No.	Euonymus fortunei 'Dart's Blanket'	Euonymus 'Dart's Blanket'	C	7/m²	3L	30-40cm
192 No.	Euonymus fortunei 'Emerald 'n' Gold'	Euonymus 'Emerald 'n' Gold'	C	5/m²	3L	40-60cm
837 No.	Euonymus fortunei 'Emerald Galety'	Euonymus 'Emerald Galety'	Bushy :C	4/m	3L	30-40cm
422 No.	Euonymus fortunei 'Silver Queen'	Euonymus 'Silver Queen'	C	5/m²	3L	20-30cm
3 No.	Hamamelis intermedia 'Orange Beauty'		C	1/m²	5L	60-80cm
3 No.	Hamamelis intermedia 'Sunburst'		C	1/m²	5L	60-80cm
417 No.	Hebe 'Caledonia'		C	5/m²	3L	30-40cm
145 No.	Hebe 'parviflora angustifolia'		C	4/m²	3L	30-40cm
367 No.	Hebe rakaiensis	Shrubby Veronica	Bushy :C	4/m	3L	30-40cm
8 No.	Hydrangea arborescens 'Grandiflora'		C	3/m²	3L	60-80cm
38 No.	Hydrangea paniculata 'Limelight'		C	4/m²	3L	40-60cm
172 No.	Hypericum 'Hidcote'	St John's Wort 'Hidcote'	C	4/m²	3L	60-80cm
580 No.	Ilex crenata		Bushy :C	4/m	3L	30-40cm
45 No.	Leucothoe 'Scarletta'		C	4/m²	3L	40-60cm
25 No.	Lophomyrtus X ralphii 'Magic Dragon'	Lophomyrtus	C	4/m²	3L	40-60cm
263 No.	Mahonia aquifolium 'Apollo'	Oregon Grape 'Apollo'	C	5/m²	3L	40-60cm
521 No.	Pachysandra terminalis 'Green Carpet'	Japanese Spurge 'Green Carpet'	C	7/m²	3L	20-30cm
270 No.	Paroskeia 'Blue Spire'	Russian Sage 'Blue Spire'	C	5/m²	3L	40-60cm
52 No.	Pittosporum tenuifol. 'Silver Queen'		C	3/m²	3L	60-80cm
335 No.	Pittosporum tenuifolium 'Tom Thumb'	Kohuhu 'Tom Thumb'	Bushy :C	4/m	3L	30-40cm
767 No.	Potentilla fruticosa 'Bella Sol'		Bushy :C	4/m	3L	30-40cm
45 No.	Prunus laurocerasus 'Otto Luyken'	Cherry Laurel 'Otto Luyken'	C	5/m²	3L	30-40cm
333 No.	Rosmarinus officinalis 'Miss Jessopp's Upright'	Rosemary 'Miss Jessopp's Upright'	C	5/m²	3L	30-40cm
170 No.	Sarcococca confusa	Sweet Box	C	5/m²	3L	40-60cm
110 No.	Sarcococca hookeriana digy. 'Purple Stem'		C	5/m²	3L	40-60cm
823 No.	Sarcococca hookeriana humilis		Bushy :C	4/m	3L	30-40cm
631 No.	Sarcococca hookeriana digyna	Sweet Box 'Digyna'	C	5/m²	3L	30-40cm
183 No.	Skimmia confusa 'Kew Green'	Skimmia 'Kew Green'	C	5/m²	3L	30-40cm
135 No.	Skimmia japonica 'Fragrans'		C	5/m²	3L	60-80cm
77 No.	Skimmia japonica 'Kew White'		C	5/m²	3L	60-80cm
137 No.	Skimmia japonica 'Perosa'		C	5/m²	3L	30-40cm
252 No.	Skimmia japonica 'Pink Dwarf'		Bushy :C	4/m	3L	30-40cm
295 No.	Skimmia japonica 'Rubella'	Skimmia 'Rubella'	C	6/m²	3L	40-60cm
221 No.	Skimmia japonica 'White Dwarf'		Bushy :C	4/m	3L	30-40cm
494 No.	Viburnum davidii	David Viburnum	C	4/m²	3L	40-60cm
8 No.	Viburnum opulus	Guelder Rose	C	3/m²	3L	60-80cm
107 No.	Viburnum opulus 'Compactum'		C	5/m²	3L	30-40cm
31 No.	Viburnum tinus 'Eve Price'	Laurustinus 'Eve Price'	C	4/m²	3L	40-60cm
407 No.	Vinca minor 'Alba'		C	5/m²	3L	20-30cm
439 No.	Vinca minor 'Bowles' Variety'		C	5/m²	3L	20-30cm
82 No.	Vinca minor 'Gertrude Jekyll'		C	6/m²	3L	20-30cm
Total :10845 No.						

Feature Shrubs

No.	Species Name	Common Name	Specification	Density	Height	Pot Size
3 No.	Cornus kousa chinensis	Chinese Dogwood	Multi-Stemmed :C :Feature Shrub	Counted 1.2m - 1.5m	15-20L	
2 No.	Euonymus alatus	Winged Spindle	Multi-Stemmed :C :Feature Shrub	Counted 1.2m - 1.5m	15-20L	
2 No.	Euonymus europaeus 'Red Cascade'		Multi-Stemmed :C :Feature Shrub	Counted 1.2m - 1.5m	15L-20L	
7 No.	Hamamelis intermedia		Multi-Stemmed :C :Feature Shrub	Counted 1.2m - 1.5m	15-20L	
4 No.	Magnolia 'Susan'		Multi-Stemmed :C :Feature Shrub	Counted 1.2m - 1.5m	15-20L	
7 No.	Osmanthus burkwoodii	Osmanthus	Multi-Stemmed :C :Feature Shrub	Counted 1.2m - 1.5m	15-20L	
4 No.	Viburnum bodnantense 'Dawn'	Viburnum 'Dawn'	Multi-Stemmed :C :Feature Shrub	Counted 1.2m - 1.5m	15-20L	
6 No.	Viburnum lantana	Wayfaring Tree	Multi-Stemmed :C :Feature Shrub	Counted 1.2m - 1.5m	15-20L	
3 No.	Viburnum opulus 'Roseum'		C :Feature Shrub	Counted 1.2m - 1.5m	15-20L	
Total :38 No.						

Climbers

No.	Species Name	Common Name	Specification	Density	Pot Size	Height
19 No.	Clematis armandii	Armand Clematis	Caned :C	0.5/m	5-7.5L	
10 No.	Clematis montana 'Elizabeth'	Clematis 'Elizabeth'	Caned	0.5/m	5-7.5L	
10 No.	Hedera colchica 'Sulphur Heart'		Caned :Climber :C 0.5/m	5-7.5L		
78 No.	Hydrangea petiolaris	Climbing Hydrangea	Caned	1/m	5-7.5L	100-150cm
14 No.	Lonicera japonica 'Halliana'	Japanese Honeysuckle 'Halliana'	Caned :Climber :C 0.5/m	5-7.5L		
14 No.	Pyracantha 'Golden Dome'		C :Caned :Climber 1/m	5-7.5L		125-150cm
14 No.	Pyracantha 'Red Column'		Caned :Climber :C 1/m	5-7.5L		
Total :155 No.						

Herbaceous (Plant in groups of 1,3,5 and 7's)

No.	Species Name	Common Name	Specification	Density	Pot Size	Height
112 No.	Ajuga reptans 'Alba'		C	5/m²	3L	20-30cm
529 No.	Ajuga reptans 'Catin's Giant'	Bugle 'Catin's Giant'	C	5/m²	3L	30-40cm
54 No.	Anemone hybrida 'Honore Jobert'	Windflower 'Honore Jobert'	C	6/m²	2L	30-40cm
120 No.	Anemone hybrida 'Queen Charlotte'		C	6/m²	2L	30-40cm
82 No.	Anemone hybrida 'Whirlwind'		C	6/m²	2L	30-40cm
193 No.	Bergenia 'Abendglut'		C	6/m²	3L	20-30cm
179 No.	Bergenia 'Silberlicht'	Elephant's Ears 'Silberlicht'	C	5/m²	3L	20-30cm
772 No.	Bergenia cordifolia 'Purpurea'	Elephant's Ears 'Purpurea'	C	6/m²	3L	20-30cm
71 No.	Brunnera macrophylla 'Jack Frost'		C	5/m²	3L	20-30cm
50 No.	Cornus canadensis		C	6/m²	2L	20-30cm
74 No.	Echinacea purpurea 'Magnus'	Purple Coneflower 'Magnus'	C	7/m²	2L	30-40cm
546 No.	Epimedium versicolor 'Sulphureum'		C	6/m²	3L	20-30cm
288 No.	Erysimum 'Bowles Mauve'		C	5/m²	3L	40-60cm
80 No.	Euphorbia amygdaloides robbiae	Mrs Robb's Bonnet	C	7/m²	3L	20-30cm
141 No.	Euphorbia characias 'Silver Swan'		C	6/m²	3L	40-60cm
385 No.	Geranium macrorrhizum		C	6/m²	2L	30-40cm
286 No.	Geranium Rozanne		C	6/m²	2L	20-30cm
205 No.	Helleborus argutifolius		C	6/m²	2L	40-60cm
131 No.	Helleborus niger	Christmas Rose	C	7/m²	2L	20-30cm
47 No.	Helleborus niger 'Harvington Hybrids'		C	5/m²	2L	20-30cm
120 No.	Helleborus orientalis 'Maroon Shades'		C	6/m²	2L	20-30cm
161 No.	Heuchera 'Bressingham Hybrids'		C	6/m²	2L	20-30cm
142 No.	Lamium maculatum 'Beacon Silver'		C	6/m²	2L	20-30cm
487 No.	Liriope muscari		C	7/m²	2L	20-30cm
334 No.	Persicaria affinis 'Superba'	Knitgrass 'Superba'	C	7/m²	3L	20-30cm
640 No.	Primula vulgaris		C	No.	1-1.5L	10-20cm
112 No.	Pulmonaria angustifolia 'Munstead Blue'		C	7/m²	2L	20-30cm
83 No.	Salvia nemorosa 'Rosenwein'		C	6/m²	2L	20-30cm
150 No.	Stachys byzantina 'Silver Carpet'	Lambs' Ear 'Silver Carpet'	C	6/m²	2L	20-30cm
332 No.	Tellima grandiflora		C	5/m²	2L	30-40cm
Total :6906 No.						

Bulbs (Plant in uneven groups 5-9)

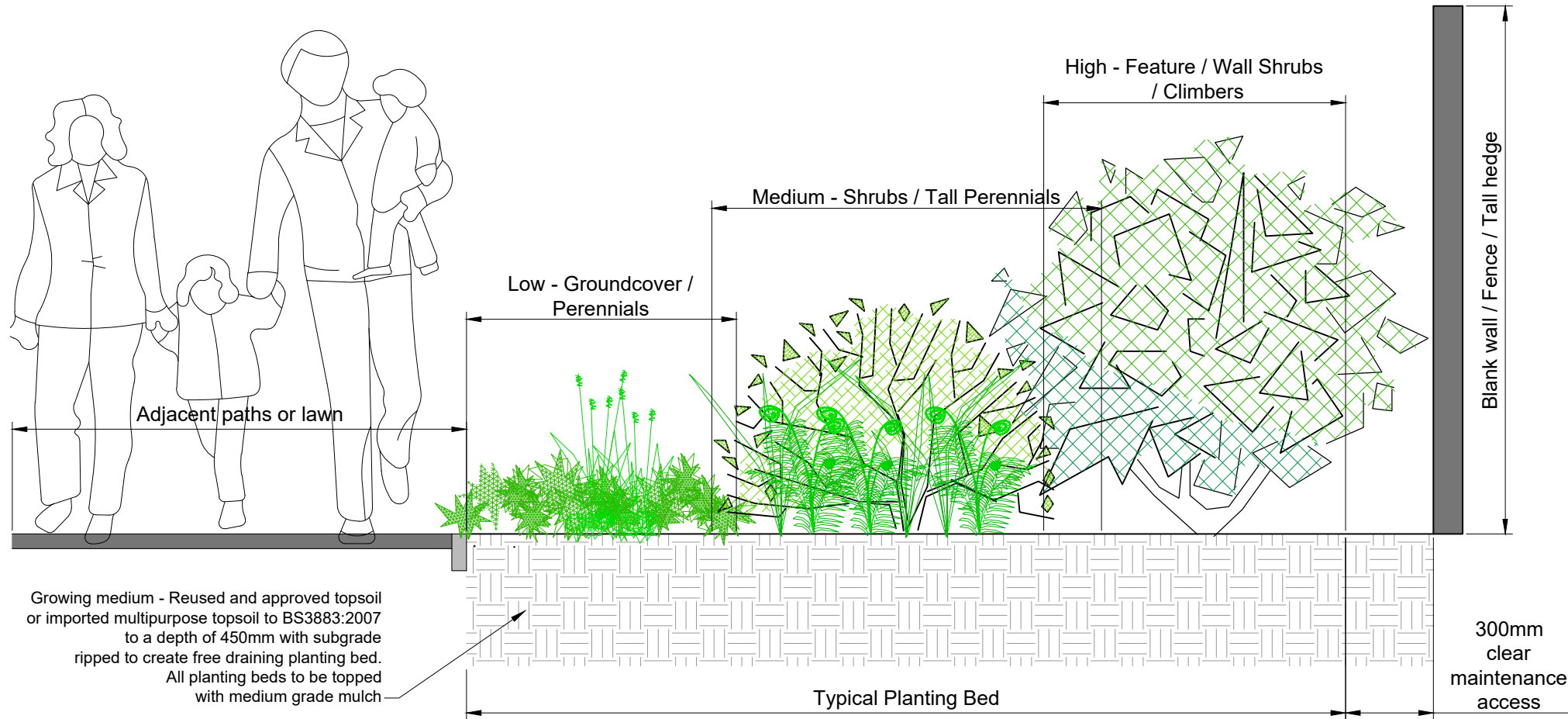
No.	Species Name	Common Name	Specification	Density
138 No.	Anemone blanda		No.	
666 No.	Anemone nemorosa	C	No.	
624 No.	Crocus chrysanthus 'Blue Pearl'		No.	
643 No.	Galanthus nivalis		No.	
624 No.	Hyacinthoides non-scripta		No.	
131 No.	Narcissus pseudonarcissus lobularis		No.	
Total :2826 No.				

Ferns

No.	Species Name	Common Name	Specification	Density	Pot Size
220 No.	Asplenium scolopendrium	Hart's Tongue Fern	Full Pot	7/m²	3L
516 No.	Dryopteris dilatata	Spreading wood fern	Full Pot	6/m²	3L
717 No.	Polystichum setiferum	Soft Shield Fern	Full Pot	6/m²	3L
Total :1453 No.					

Grasses (Plant in groups of 1,3,5 and 7's)

No.	Species Name	Common Name	Specification	Density	Pot Size
571 No.	Carex oshimensis 'Evergold'	Japanese Sedge 'Evergold'	Full Pot	6/m²	3L
483 No.	Deschampsia cespitosa 'Goldtau'	Tufted Hair Grass 'Goldtau'	Full Pot	7/m²	3L
347 No.	Hakonechloa macra 'Aureola'	Golden Hakone Grass	Full Pot	7/m²	3L
384 No.	Luzula nivea	Snowy wood rush	Full Pot	7/m²	3L
1546 No.	Luzula sylvatica		Full Pot	6/m²	3L
201 No.	Stipa tenuissima	Mexican Feather Grass	Full Pot	6/m²	3L
Total :3532 No.					



20% Native Infill Planting to existing boundary vegetation

No.	Species	Specification	Density	Height
26 No.	Acer campestre	Whip :BR	6/m	60-80cm
64 No.	Crataegus monogyna	Whip :BR	6/m	60-80cm
26 No.	Ilex aquifolium	Whip :BR	6/m	60-80cm
26 No.	Ligustrum vulgare	Whip :BR	6/m	60-80cm
64 No.	Prunus spinosa	Whip :BR	6/m	60-80cm
26 No.	Rosa carolina	Whip :BR	6/m	60-80cm
26 No.	Sambucus nigra	Whip :BR	6/m	60-80cm
Total :258 No.				

Key Schedule

RB=Rootballed
C=Container Grown
L=Litre Size
BR=Bareroot
PL=Plug

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.

All trees in grass to be fitted with black strimmer guard

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 200mm from building/wall facades to enable access.Where turf / planting abuts a building façade, a 200mm 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 900mm central timber 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 maybe 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.

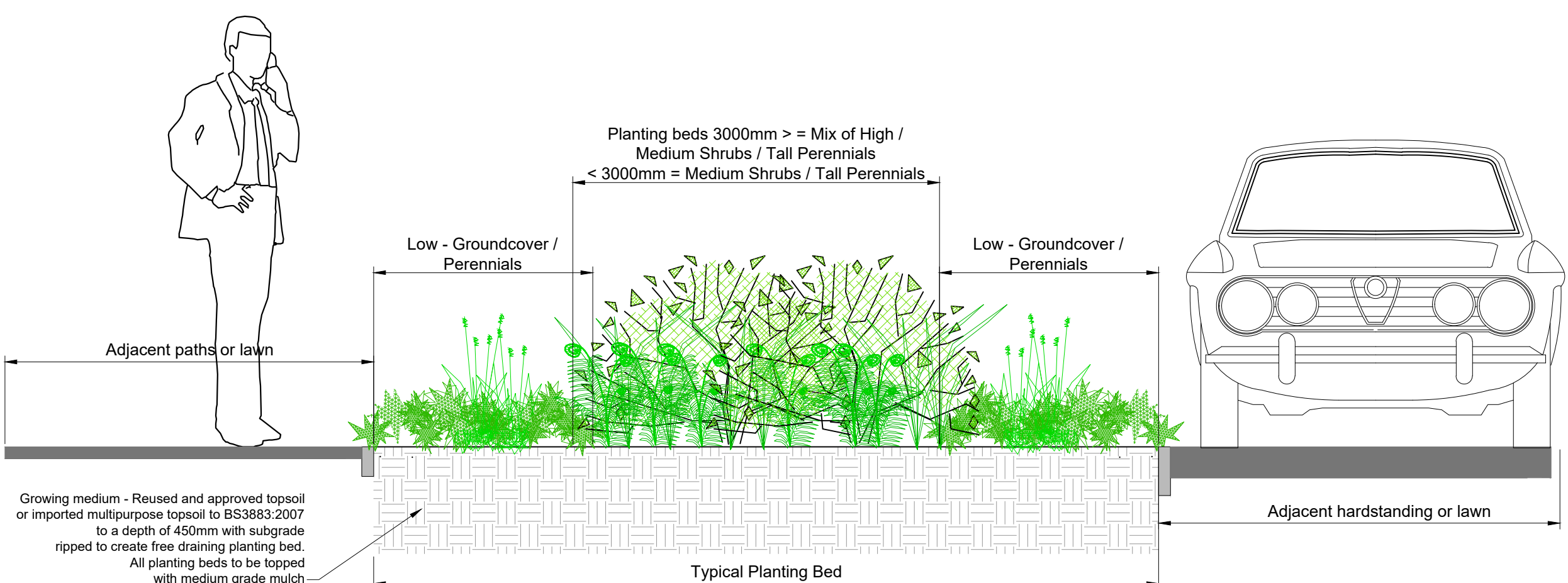
Management and Maintenance (Refer to Supporting Landscape Management Plan, where provided).

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

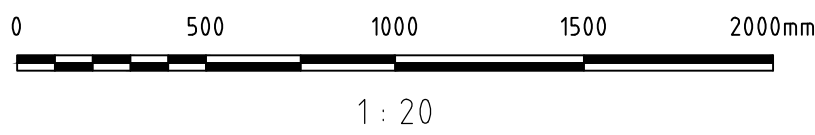
Annual Maintenance - Trees and Shrubs - Tree ties to be adjusted, to be checked for damaged branches/stem and pruned in accordance with good horticultural practice, where they have died or failed to thrive they will be replaced, incorporate a slow release fertilizer as per manufactures rates, topping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



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L12
Typical Plot Planting Matrix
1:20 @ A1



NOTES:

- 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.
- Do not scale from this drawing, (except for planning application purposes only) always work to noted dimensions.
- All given dimensions in mm.

Note:
Planting within easement zones to be managed in accordance with Southern Water guidelines. Refer to Drainage Engineers design for further details.
Refer to DD546L01 for Tree Planting Specification Details