

KEY:

	Extra Heavy Standard Tree		Existing Trees
	Multi-stem Tree		Tarmac Road
	Ornamental Shrub Planting		Block paving
	Evergreen Shrub Planting		Slab paving
	Beech Hedging		Benches
	Native Hedging		Pergola
	Climbers		Chain link fence, 2m high
	Raised Planters		Close boarded fence, 1.8m high
	Lawn		Site Boundary
	Bulb Planting		
	Kitchen Garden Planting Area		



Trees

Abbrev.	Name	Girth/Dia. cm	Height cm	Root Zone	Specification	Number
Ac'E'	Acer campestre 'Elsrijk'	14-16	400-450	RB	3x EHS; clear stem min. 200cm; 5 brks	5
Alam	Amelanchier lamarkii	250-300		RB	3x Multi-stem; bushy; 3 stems min.	2
Buj	Betula utilis jacquemontii	14-16	400-450	RB	3x EHS; clear stem 175-200cm; 5 brks	4
Pc'C'	Pyrus calleryana 'Chanticleer'	14-16	400-450	RB	3x EHS; clear stem 175-200cm; 5 brks	3
Qr	Quercus robur	14-16	400-450	RB	3x EHS; clear stem 175-200cm; 5 brks	4
Sa	Sorbus aucuparia	14-16	400-450	RB	3x EHS; clear stem 175-200cm; 5 brks	4

H1 - Beech Hedge

Name	Height cm	Root Zone	Specification	Mix %	No./m	Number
Fagus sylvatica	40-60	B	1+1; Transplant - seed raised	100	4	860

H2 - Native Hedge Mix

Name	Height cm	Root Zone	Specification	Mix %	No./m	Number
Corylus avellana	40-60	B	1+1; Transplant - seed raised; branched; 2 brks	10	4	5
Crataegus monogyna	40-60	B	1+1; Transplant - seed raised	50	4	24
Prunus padus	40-60	B	1+1; Transplant - seed raised	20	4	10
Prunus spinosa	40-60	2L	Branched; 3 brks	10	4	5
Rosa canina	40-60	2L	Branched; 3 brks	10	4	5

Mix A

Name	Girth/Dia. cm	Height cm	Root Zone	Specification	Mix %	No./m²	Number
Choisya ternata		30-40	3L	Bushy; 4 brks	20	3	22
Cornus alba		60-80	3L	Branched; 3 brks	15	2	11
Hypericum 'Hidcote'		30-40	3L	Bushy; 5 brks	15	3	16
Lonicera nitida 'Baggesen's Gold'		30-40	3L	Bushy; 3 brks	20	2	14
Photinia x fraseri 'Red Robin'		30-40	3L	Branched; 6 brks	10	3	11
Ribes sanguineum 'Pulborough Scarlet'		60-80	B	0/1; Cutting; branched; 3 brks	10	3	11
Viburnum tinus 'Eve Price'		30-40	3L	Bushy; 4 brks	10	2	7

Mix B

Name	Girth/Dia. cm	Height cm	Root Zone	Specification	Mix %	No./m²	Number
Achillea 'Summerwine'			3L	Full pot	15	4	48
Berberis thunbergii 'Atropurpurea Nana'		20-25	3L	Branched; 4 brks	15	4	48
Echinacea purpurea 'White Swan'			2L	Full pot	10	5	40
Euonymus fortunei 'Emerald 'n' Gold'	20-30D	20-25	3L	Bushy; 7 brks	10	3	24
Hebe pinguiifolia 'Sutherlandii'	15-20D		2L	Bushy; 3 brks	20	4	64
Pieris japonica 'Mountain Fire'		40-60	7.5L	Bushy; 6 brks	10	2	16
Skimmia japonica 'Rubella'		30-40	3L	Bushy; 3 brks	20	4	64

Mix C

Name	Girth/Dia. cm	Height cm	Root Zone	Specification	Mix %	No./m²	Number
Achillea 'Terracotta'			3L	Full pot	10	4	16
Choisya ternata		30-40	3L	Bushy; 4 brks	20	3	24
Cornus stolonifera 'Kelsey'		30-40	2L	Several shoots; 3 brks	15	5	30
Euonymus fortunei 'Emerald 'n' Gold'	30-40D	25-30	5-7.5L	Bushy; 9 brks	15	2	12
Geranium 'Ann Folkard'			3L	Full pot	15	4	24
Hypericum 'Hidcote'		30-40	3L	Bushy; 5 brks	15	3	18
Rudbeckia fulgida sullivanii 'Goldsturm'			3L	Full pot	10	4	16

Mix D

Name	Girth/Dia. cm	Height cm	Root Zone	Specification	Mix %	No./m²	Number
Berberis x media 'Red Jewel'		20-30	3L	Bushy; 4 brks	15	3	17
Chaenomeles x superba 'Crimson and Gold'		40-60	3L	Branched; 2 brks	10	3	11
Forsythia x intermedia 'Mingold'		20-30	2L	Branched; 3 brks	10	4	15
Lonicera nitida 'Lemon Beauty'	40-60D		5L	Bushy; 6 brks	15	2	11
Potentilla fruticosa 'Red Ace'	40-60D		10L	Bushy; 7 brks	15	1	6
Spiraea 'Arguta'		40-60	3L	Branched; 5 brks	10	3	11
Viburnum x bodnantense 'Dawn'		80-100	10L	Branched; 4 brks	15	1	6
Weigela florida 'Variegata'		40-60	3L	Branched; 5 brks	10	3	11

Mix E

Name	Girth/Dia. cm	Height cm	Root Zone	Specification	Mix %	No./m²	Number
Lonicera nitida 'Maigrün'	40-60D		10L	Bushy; 10 brks	50	2	10
Taxus baccata 'Repandens'	40-50D		RB	3x bushy	50	2	10

Mix F

Name	Girth/Dia. cm	Height cm	Root Zone	Specification	Mix %	No./m²	Number
Hebe 'Mrs Winder'		30-40	3L	Bushy; 5 brks	15	3	11
Lavandula angustifolia		20-30	3L	Bushy; 5 brks	15	3	11
Rosmarinus officinalis		30-40	3L	Bushy; 4 brks	15	3	11
Skimmia japonica 'Rubella'		30-40	3L	Bushy; 3 brks	20	4	20
Stipa tenuissima			3L	Full pot	15	5	19
Vinca minor 'Gertrude Jekyll'	15-20D		1.5L	Several shoots; 2 brks	20	6	30

Mix G (Raised Planter)

Name	Girth/Dia. cm	Height cm	Root Zone	Specification	Mix %	No./m²	Number
Allium schoenoprasum			2L	Full pot	10	1	4
Geranium x oxonianum 'Wargrave Pink'			2L	Full pot	15	4	21
Hebe pinguiifolia 'Pagel'	20-30D		3L	Bushy; 5 brks	10	3	11
Lavandula angustifolia		20-30	3L	Bushy; 5 brks	15	3	16
Perovskia 'Blue Spire'		20-30	2L	Bushy; 3 brks	15	4	21
Sesleria autumnalis			2L	Full pot	10	4	14
Skimmia japonica 'Rubella'		30-40	5L	Bushy; 4 brks	15	3	16
Vinca minor 'Gertrude Jekyll'	15-20D		1.5L	Several shoots; 2 brks	10	6	21

IMPLEMENTATION PROGRAMME:

First planting season following construction

LANDSCAPE MANAGEMENT:

Site Owner to implement 5-year management plan to cover the following regular, seasonal and annual maintenance operations:

Trees:

Water monthly April to September in periods of drought
Inspect trees annually in winter
Undertake formative pruning of young trees to encourage good growth and shape - As required.
Following strong winds, re-firm base and check tree stakes for stability. - As required
Check tree ties on new tree planting and replace/loosen/remove as necessary
Apply slow release fertiliser to base of each tree; 50g per new tree. - Annual, Mar-Apr

Shrubs:

Remove litter
Water monthly April to September in periods of drought
Maintain plant beds weed free
Remove dead plants
Trim planting to prevent encroachment onto paths
Prune planting clear of all signage and sightlines
Prune hedges once annually
Firm up rocked plants
Eradicate any occurrence of Japanese Knotweed

Plant failures

Replace any dead plants in following planting season (Nov - Mar).

Bulb Mix

Name	Specification	Mix %	No./m²	Number
Crocus flavus	Grade 5/7	20	10	372
Crocus speciosus	Grade 5/6	20	10	372
Fritillaria meleagris	Grade 5/6	20	10	372
Galanthus nivalis	Grade 4/5	20	10	372
Narcissus cyclamineus	Size 1	20	10	372

Climbers

Abbrev.	Name	Height cm	Root Zone	Specification	Number
Ak	Actinidia kolomikta	60-80	2L	Caned; several shoots; 2 brks	1
C'J'	Clematis 'Jackmanii'	60-80	3L	Caned; several shoots; 2 brks	1
Jn	Jasminum nudiflorum	40-60	2L	Caned; several shoots; 3 brks	1
Tj	Trachelospermum jasminoides	60-80	2L	Caned; several shoots; 2 brks	1

OUTLINE SPECIFICATION:

GENERAL
All works to be in accordance with relevant British Standards and the Landscape Consultant's planting plans and specification (to be issued) and in compliance with the National Landscape Specification (NLS) 1998, latest revision.

SETTING OUT
All dimensions and levels should be checked and adjusted on site. Contractor responsible for care around all services. Do not scale from this drawing.

SITE PREPARATION
Building rubble in excess of 50mm dimension to be removed, compaction ripped 150mm deep or broken out by JCB back-actor leaving surface rough. Ensure free drainage.

TOPSOIL
Multipurpose topsoil BS:3882 medium loam, not more than slightly stoney, pH 5.7-7.5.
Depth 450mm all planting areas. 150mm to all other areas.
Provide Declaration of Analysis of topsoil to Employer's Agent.

TREE PIT
Transplants 300mmØ x 300mm depth
Light Standard 900mmØ x 600mm depth
Extra Heavy Standard 1200mmØ x 750mm depth

PREPARATORY HERBICIDE
Weed allowed to grow and treated with up to three applications of weed killer prior to cultivation or planting during the fallow period.

GRASSING
Grassing between April-October.
Cultivate to prepare seed bed. Finished seed bed levels 25mm above pavings and kerb edges. Stones pick to 25mm.
Pre-seeding fertiliser 50g/m2. Grass mix chosen for low maintenance requirements:-
GRASS SEED MIX from DLF Trifolium Tel: 01386 791102:
LAWN 'Pro 50 Quality lawn (with Ryegrass)'

PLANTS
General
Plant material in accordance with the HTA's National Plant Specification 1997. All plants container grown, well formed and free from disease. Plant handling to CPSE Plant Handling Code.

Quality as supplied by:
Johnsons of Whixley Ltd, York YO26 8AQ. Tel: 01423 330234.
Or other nursery listed in the Horticultural Trades Association Nursery Certification Scheme.

Planting
Plant November to March.
Planting areas cultivated 150 mm deep and stone picked of material greater than 50mm. Plant material pit planted 300 x 300 x 200 minimum. Approved planting compost incorporated into the soil during planting.

Backfill mix	Enmag	P4	Compost
Shrubs	35g	5g	10 litres
Transplants	35g	5g	10 litres
Light Standard	50g	25g	50 litres
Extra Heavy Standard	75g	50g	75 litres

Backfill mix (30%) incorporated into topsoil (70%) during planting.

TREE STAKING
General
Light Standard -Short Single Staking
Short staked using Unilog painted black 75mm min diameter.
Driven vertically 450mm on windward side into base of pit. Secured with rubber J Tom's 37.5mm wide standard nylon reinforced rubberbelt ref L2 ties including rubber spacer pads ref L1. Tie within 25mm of top of stake.

Extra Heavy Standard -Short Double Staking
Preserved softwood 100mm min diameter. Driven vertically 450mm into base of pit on either side. Cross bar - timber, as stake. Secured with rubber J Tom's 37.5mm wide standard nylon reinforced rubberbelt ref L2 ties including rubber spacer pads ref L1.

Extra Heavy Standard - Short triple staking (when planted in grass)
Preserved softwood 75mm min diameter.
Driven vertically 450mm on three sides.
Tie within 25mm of top of stakes with flexible J Tom's 37.5mm wide standard nylon reinforced rubberbelt ref L2.

MULCH
Total cover coarse bark mulch to shrub areas, Melcourt Bark Nuggets 75mm deep.

AFTERCARE
24 months aftercare by planting contractor. Including grass and meadow cutting, weed, pest and disease control, pruning and watering. Weed control by residual herbicide or hand weeding as necessary to achieve a weed free condition. Watering in periods of drought to ensure establishment and continued thriving of planting.

DEFECTS LIABILITY
Twenty-four months on plant material and grass. Replacements in November in year of loss.

ONGOING MAINTENANCE
Continue to maintain for five years from completion of planting by hand weeding and spot treatment of weed killer to any weed in planted areas until plants close canopies. Replace failures for 5 years.

REVISION:
A. Carpark layout amended, Tree and Mix totals updated.
TB 18-11-2021
B. Revised fence type. NS 23-11-2021

Weddle Landscape Design
LANDSCAPE ARCHITECTURE
ENVIRONMENTAL PLANNING
Mews Studio, Charnwood House, Tel: (0114) 250 1181
8 Kenwood Bank, Sheffield S7 1NU Fax: (0114) 250 1188
www.weddles.co.uk mail@weddles.co.uk

Job **HATFIELD AVENUE, HATFIELD**

Title **LANDSCAPE MASTERPLAN**

scale@A3	drawn	date	drawing number	revision
1:250	KP	NOV 21	1336-01	B