

TREES				
PROPOSED TREES				
REF	SPECIES	COMMON NAME	SIZE/ GIRTH (cm)	SPECIFICATION
MAIN STREET				
Til x eur	Tilia x europaea 'Pallida'	Kings Lime	30-35cm	Semi Mature, Rootball, 1.75-2m Clear Stem
ACCESS STREET				
Ac pla	Acer platanoides Columnare	Norway Maple	20-25	Semi Mature, Rootball, 1.75-2m Clear Stem
Py cal	Pyrus calleryana 'Chanticleer'	Callery Pear	20-25	Semi Mature, Rootball, 1.75-2m Clear Stem
LANES				
Ame la	Amelanchier x grandiflora 'Robin Hill'	Shadwood spp.	250-300h	Multi stem with raised stems
Be alu	Betula Species Ex. albosinensis 'Fascination'	Birch spp.	20-25	Semi Mature, Rootball, 1.75-2m Clear Stem
Pru Um	Prunus 'Umineko'	Umineko Cherry	20-25	Semi Mature, Rootball, 1.75-2m Clear Stem
Pru avi	Prunus avium 'Plena'	Double Gean	20-25	Semi Mature, Rootball, 1.75-2m Clear Stem
Sor ar	Sorbus aria 'Majestica'	Whitebeam 'Majestica'	20-25	Semi Mature, Rootball, 1.75-2m Clear Stem
OPEN SPACES				
Be erni	Betula ermanni	Ermans Birch	20-25	Semi Mature, Rootball, 1.75-2m Clear Stem
Fag syl 'FTH'	Fagus sylvatica	Beech	Feathered 18-20	Rootball, Feathered
Fag syl	Fagus sylvatica	Beech	20-25	Semi Mature, Rootball, 1.75-2m Clear Stem
Pru pad	Prunus padus	Bird Cherry	20-25	Semi Mature, Rootball, 1.75-2m Clear Stem
Qu Ro	Quercus Robur	English / Pendunculate Oak	20-25	Semi Mature, Rootball, 1.75-2m Clear Stem
Sor ar	Sorbus aria 'Majestica'	Whitebeam 'Majestica'	20-25	Semi Mature, Rootball, 1.75-2m Clear Stem
Til cor	Tilia cordata 'Winter range Glow'	Lime Small Leaved Lime Winter Orange	20-25	Semi Mature, Rootball, 1.75-2m Clear Stem
Mal dom	Malus domestica 'Braeburn'	Apple tree	20-25	Semi Mature, Rootball, 1.75-2m Clear Stem

TRANSPLANT MIX							
T1 - Native Planting Mix and woodland edge mix (1 + 1 Transplant)							
SPECIES	COMMON NAME	HEIGHT/ SPREAD	POT SIZE (L)	SPECIFICATION	PERCENT (%)	DENSITY PER m2	
Betula pendula	Birch	80-100	3	Feathered	20	Planting density to vary throughout the area from 1.0 to 3.0 plants per m2 to create greater diversity in ground conditions. Plant randomly in species groups of 7, 9 or 11 plants per group, avoiding straight lines. Nursery standard native trees to be planted as shown on the planting plan. Protect trees and shrubs with rabbit/ deer guards, shelters or rabbit proof fencing as indicated.	
Carpinus betulus	Hornbeam	60-80	2	Branched	2		
Corylus avellana	Hazel	60-80	2	Branched	5		
Crataegus mongyna	Hawthorn	60-80	2	Branched	20		
Ilex aquifolium	Holly	40-60	2	Leader with laterals	5		
Malus sylvestris	European crab apple	40-60	2	Bushy	2		
Prunus avium	Wild cherry	40-60	2	Bushy	2		
Quercus robur	Oak	60-80	2	Branched	38		
Sorbus aucuparia	Rowan	90-125	5	Feathered	2		
					100		

SHRUB GROUND COVER, LOW LEVEL PLANTING MIXES						
S1 - Native Shrub Planting Mix						
SPECIES	COMMON NAME	HEIGHT/ SPREAD	POT SIZE (L)	SPECIFICATION	PERCENT (%)	DENSITY PER m2
Betula pendula	Birch	80-100	3	Feathered	7	Planting density to vary throughout the plantation from 1.0 to 3.0 plants per m2 to create greater diversity in ground conditions. Plant randomly in species groups of 7, 9 or 11 plants per group, avoiding straight lines. Nursery standard native trees to be planted as shown on the planting plan. Protect trees and shrubs with rabbit/ deer guards, shelters or rabbit proof fencing as indicated.
Corylus avellana	Hazel	80-90	5	Bushy 4 Breaks	30	
Crataegus monogyna	Hawthorn	80-90	5	Bushy 4 Breaks	20	
Ilex aquifolium	Holly	30-40	5	Well fettered with central leader	6	
Malus sylvestris	European crab apple	40-60	2	Bushy	8	
Prunus avium	Wild cherry	40-60	2	Bushy	7	
Rosa canina	Dog rose	30-40	3	Leader with even branching	10	
Sambucus nigra	Elder	80-90	5	Bushy 4 Breaks	5	
Sorbus aucuparia	Rowan	90-125	5	Feathered	7	
					100	

SHRUBS						
Shrub Planting to gardens and public open						
REF	SPECIES	COMMON NAME	HEIGHT/ SPREAD	POT SIZE (L)	SPECIFICATION	DENSITY PER m2
Bra sun	Brachyglottis 'Sunshine'	Bachyglottis 'Sunshine'	100-150	3	Bushed, Thick and even	3 Ctr
Co alb	Cornus alba	Siberian Dogwood	80-100	3	Bushed, Thick and even	2 Ctr
Co av	Corylus avellana 'Webbs Prize Cob'	Hazel	80-100	3	Bushed, Thick and even	1 Ctr
Euo EG	Euonymus 'Emerald Gaiety'	Japanese spindle	50-100	3	Bushed, Thick and even	3 Ctr
Fat jap	Fatsia japonica	Japanese aralia	100-150	5	Well branche subject, 3 min main stems	1Ctr
He RE	Hebe 'Red Edge'	Hebe Red Edge	20-50	3	Bushed, Thick and even	4 Ctr
Pa ter	Pachysandra terminalis	Japanese spurge	20-50	3	Full pot producing a fully clothed and compact subject to ground level	3 Ctr
Vi da	Viburnum davidii	David's viburnum	100-150	3	Full pot producing a fully clothed and compact subject to ground level	3 Ctr

HERBACIOUS							
HE1 - Planting Mix - Attenuation Area							
SPECIES	COMMON NAME	HEIGHT/ SPREAD	POT SIZE (L)	SPECIFICATION	PERCENT (%)	DENSITY PER m2	
Carex nigra	Common sedge	N/A	2	Root Condition - C : Min Breaks - 0 : Min Buds - 0 : Propigation - S or V	10	0.45Ctr	
Calltha palustris	Marsh Marigold	N/A	2	Root Condition - C : Min Breaks - 0 : Min Buds - 0 : Propigation - S or V	5	0.45Ctr	
Geum rivale	Water Aveny	N/A	2	Root Condition - C : Min Breaks - 0 : Min Buds - 0 : Propigation - S or V	5	0.45Ctr	
Glyceria maxima	Reed Sweet Grass	N/A	2	Root Condition - C : Min Breaks - 0 : Min Buds - 0 : Propigation - S or V	10	0.45Ctr	
Iris pseudacorus	Yellow Iris	N/A	2	Root Condition - C : Min Breaks - 0 : Min Buds - 0 : Propigation - S or V	10	0.45Ctr	
Lythrum salicaria	Purple Loosestrife	N/A	2	Root Condition - C : Min Breaks - 0 : Min Buds - 0 : Propigation - S or V	15	0.45Ctr	
Mentha aquatica	Water Mint	N/A	2	Root Condition - C : Min Breaks - 0 : Min Buds - 0 : Propigation - V	10	0.45Ctr	
Ranunculus lingua	Greater Spearwort	N/A	2	Root Condition - C : Min Breaks - 0 : Min Buds - 0 : Propigation - S or V	10	0.45Ctr	
Soropus lacustris	Lakeshore Bulrush	N/A	2	Root Condition - C : Min Breaks - 0 : Min Buds - 0 : Propigation - S or V	15	0.45Ctr	
Scrophularia auriculata	Water Figwort	N/A	2	Root Condition - C : Min Breaks - 0 : Min Buds - 0 : Propigation - S or V	15	0.45Ctr	
Sparganium erectum	Branched Bur-reed	N/A	2	Root Condition - C : Min Breaks - 0 : Min Buds - 0 : Propigation - S or V	15	0.45Ctr	

HE2 - Planting Mix - Rain Garden						
SPECIES	COMMON NAME	POT SIZE (L)	ROOT TYPE	SPECIFICATION	DENSITY PER m2	Notes
Acorus gramineus 'Ogon'	Japanese Rush 'Ogon'	P9	Container	Height 15-20cm	7	Semi-evergreen. Clump forming
Carex acutiformis	Lesser pond sedge	P9	Container	Height 15-20cm	7	Native sedge
Carex otrubae	False Fox Sedge	P9	Container	Height 15-20cm	7	Native flowering sedge
Filipendula ulmaria	Meadowsweet	P9	Container	Height 15-20cm	7	Native UK
Lysimachia nummularia	Creeping Jenny	P9	Container	Height 15-20cm	7	Evergreen
Lythrum salicaria	Purple Loosestrife	P9	Container	Height 15-20cm	7	Native. Flowering.
Mentha pulegium	Pennyroyal	P9	Container	Height 15-20cm	7	Native. Aromatic creeping.

CLIMBERS							
REF	SPECIES	COMMON NAME	HEIGHT/ SPREAD	POT SIZE (L)	SPECIFICATION	DENSITY PER l2	No.
Jas off	Jasminum officinale	Jasmine	100-150cm	5L	Caned; several shoots; 5 breaks	3	Counted
Lon per	Lonicera periclymum	Honeysuckle	100-150cm	5L	Caned; several shoots; 5 breaks	3	Counted
Path hen	Parthenocissus henryana	Chinese Virginia Creeper	100-150cm	5L	Caned; several shoots; 5 breaks	3	Counted
Wist sin	Wisteria sinensis var. sinensis	Chinese Wisteria	100-150cm	5-7.5L	Caned; several shoots; 5 breaks	3	Counted
Hyd an	Hydrangea anomala subsp. petiolaris	Climbing Hydrangea	80-100cm	5L	Caned; several shoots; 5 breaks	3	Counted

SEASONAL BULBS				
Code	Species	Season	Density (per. m2)	Form. Specification
B1	Crocus sieberi 'Tricolour'	Early Spring Crocus	100	Bulb. Healthy, firm and plump, not withered and overly dry.
B2	Crocus vernus 'Pickwick'	Spring Crocus	100	Bulb. Healthy, firm and plump, not withered and overly dry.
B3	Galanthus nivalis	Winter Snowdrop	130	Bulb. Healthy, firm and plump, not withered and overly dry.
B4	Narcissus 'Ice Follies'	Spring Dafodil	50	Bulb. Healthy, firm and plump, not withered and overly dry.
B5	Narcissus 'Tete a Tete'	Early Spring Dafodil	80	Bulb. Healthy, firm and plump, not withered and overly dry.
B6	Narcissus Geranium	Spring Dafodil	50	Bulb. Healthy, firm and plump, not withered and overly dry.
B7	Tulip Attila	Spring Tulip	45	Bulb. Healthy, firm and plump, not withered and overly dry.
B8	Tulip White Flag	Mid to late Spring Tulip	45	Bulb. Healthy, firm and plump, not withered and overly dry.

Plant Schedule - Hedges single species							
Code	Species	Common Name	Pot Size (ltr)	Root Type	Habit. Specification	Density (lin. m)	Notes
H2	Carpinus betulus	Hornbeam	3ltr	BR	60-90cm ht. Bushy. Strong leader with lateral shoots. Feathered to base.	6 per lin.m double stagger row	Residential hedge - Semi - evergreen.
H3	Ligustrum ovalifolium	Oval-leaved privetPrivet	5ltr	Container	60-90cm ht. Bushy. Strong leader with lateral shoots. Feathered to base.	5 per lin.m double stagger row	Residential hedge - evergreen.
H4	Escallonia 'Donard Seedling'	Pink Escallonia	5ltr	Container	60-90cm ht. Bushy. Strong leader with lateral shoots. Feathered to base.	5 per lin.m double stagger row	Residential hedge - evergreen.
H5	Escallonia rubra 'Macrantha'	Red Escallonia	5ltr	Container	60-90cm ht. Bushy. Strong leader with lateral shoots. Feathered to base.	5 per lin.m double stagger row	Residential hedge - evergreen.
H6	Hypericum x hidcotense 'Hidcote'	St Johns Wart	5ltr	Container	60-90cm ht. Bushy. Strong leader with lateral shoots. Feathered to base.	5 per lin.m double stagger row	Residential hedge - Semi - evergreen. .
H7	Fagus sylvatica	Beech	3ltr	BR	60-90cm ht. Bushy. Strong leader with lateral shoots. Feathered to base.	6 per lin.m double stagger row	Residential hedge - deciduous.
H8	Carpinus betulus	Hornbeam	1m long hedge bags	Trench grown / 1m long hedge bags	100cm ht. Instant hedge is required. Bushy. Strong leader with lateral shoots. Feathered to base.	As supplied	Lickers Lane Entrance hedge. Instant hedge to site access. Consistant 100cm ht. Clipped. Semi - evergreen.

* H1 - Reference not used.

GRASSES	
AMENITY GRASS	
AG1 - Conservation Grassland and Golf Roughs	
Conservation Grassland & Golf Roughs Grass Seed Mix. Phoenix Amenity Supplies or equal and approved. Ref: Phoenix LowMain 10 - sowing rate 300kg/ha or 30g/m2	
%	Species - Common Name
20	Slender Creeping Red Fescue
40	Creeping Red Fescue
7	Smooth Stalked Meadow Grass
10	Hard Fescue
20	Chewings Fescue
3	Brown Top Bent
AG2 - Motor, road verges and gradients	
Road Verge and Embankments. Germinal or equal and approved. Germinal A18 - sowing rate 350kg/ha or 35g/m2	
%	Species - Common Name
40	Coral Strong Creeping Red Fescue
20	Tetris Smooth Stalked Meadow Grass
12.5	Agreement Perennial Ryegrass
10	Joanna Chewings Fescue
10	Zurich Perennial Ryegrass
5	Highland Browtop Bentgrass
2.5	Aberlasting (small) w.clover
AG3 - Tolerates shade conditions created by trees or the built environment.	
Supreme Shade. Germinal or equal and approved. Germinal A6 - sowing rate 400kg/ha or 40g/m2	
%	Species - Common Name
50	Coral Strong Creeping Red Fescue
25	Joanna Chewings Fescue
22.5	Tetris Smooth Stalked Meadow Grass
2.5	Supreme Poa Supina
AG4 - Lawn to be used in all Residential Gardens	
Quality Lawn. Germinal or equal and approved. Germinal A2 - sowing rate 350kg/ha or 35g/m2	
%	Species - Common Name
45	Coral Strong Creeping Red Fescue
25	Borluna Slender Creeping Red Fescue
25	Joanna Chewings Fescue
5	Aberroyal Browntop Bentgrass

WILDFLOWER GRASS	
WF1 - Within public open spaces	
Treasure Trove Wildflower Seed Mix. BritishFlora or equal and approved. Phoenix UM13 (formaly PF13) sowing rate 20kg/ha or 2g/m2	
Percentages not stated	Species - Common Name
	Papaver orientale (red- beauty of livermere)
	Sanguisorba minor
	Malva moschata
	Origanum vulgare
	Knautia arvensis
	Centaurea nigra
	Achillea millefolium
	Linaria vulgaris
	Daucus carota
	Geranium pratense
	Digitalis purpurea (pastel mixed)
	Onobrychis vicifolia
	Salvia harmonioides
	Galium mullogo

WF2 - Wet areas of attenuation ponds	
Wetland & Pond Edge Wildflower Seed Mix. BritishFlora or equal and approved. British Flora BF55 - sowing rate 50kg/ha or 5g/m2	
20%	Wildflowers
6	Sneezewort
2	Marsh marigold
5	Lesser pond sedge
1	Hemp agrimony
9	Meadow sweet
2	Square stemmed st john's wort
4	yellow flag iris
1	Soft rush
4	Oxeye daisy
8	Greater Bird's-foot Trefoil
5	Ragged robin
4	Purple loosestrife
4	Gypsywort
8	Ribwort plantain
8	Selfheal
1	Fieldbane
8	Meadow buttercup
2	Lesser spearwort
8	Yellow rattle
2	Water figwort
8	Devil's bit scabious
80%	Grasses
12	Common bent
6	Meadow foxtail
2	Sweet vernal grass
35	Crested dogtail
5	Tufted hairgrass
40	Slender CRF

WF3 - Base of new and existing hedges and established woodland	
Hedgerow & Shade Wildflower Seed Mix. BritishFlora or equal and approved. British Flora BF56 - sowing rate 50kg/ha or 5g/m2	
20%	Wildflowers
6	Yarrow
10	Agrimony
4	Hedge garlic
0.5	Lords-and-Ladies
3	Nettle Leaved Bellflower
10	Black knapweed
8	Foxglove
4	Hedge bedstraw
1	Hedgerow Crane's Bill
7	Wood avens
4	Hairy st-John's wort
8	Field scabious
8	Selfheal
8	Red campion
5	Hedge woundwort
6	Wood sage
3	Upright hedge parsley
0.5	Greater mullein
2	Bush vetch
2	Wood vetch
80%	Grasses
10	Common bent
2	Sweet vernal grass
1	Wood false brome
30	Crested dogtail
4	Tufted hairgrass
25	Chewings fescue
15	Slender CRF
8	Wood Meadow Grass
5	Rough Meadow Grass

PLANNING

Project
Haslhead Park, Knowsley

Drawing Title
Landscape Proposals
Schedules Sheet 02

Date
08.11.22

Scale
N15: 8A0
N15: 8A2

Project No
33678

Drawn by
JH

Check by
SC

Revision
C

RG-L-02-02

0m 10m 20m



Stantec UK Limited
7 Fins Square
London
W1D 3JH
T: 020 7446 6888



stantec.com/uk