Tatenhill Lane: Landscape Proposals

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PETER QUINN ASSOCIATES
LANDSCAPE ARCHITECTURE
Tel/Fax: 01989 768 588
Web: landscapemidlands.co.uk
Email: peterquinn@phonecoop.coop

Project:
Tatenhill Lane

Client:
Lioncourt Homes Ltd

Date:
27th February 2017

Drawing number:
17/438/02 A

Title:
LANDSCAPE PROPOSALS

Notes:
Drawing should not be used for measurements.

Revisions:
Rev A: 29th March 17 General changes to layout and associated landscape

KEY

- Proposed shrub or whip bed
- Proposed hedge
- Existing hedge/shrubs/saplings
- Proposed standard trees
- Meadow boundary
- Site boundary

SCALE

0 10 20 30m

1:500 printed at A1
1:1000 printed at A3

PLANTING: NOTES

GENERAL

2 weeks prior to ground preparation, all beds to be sprayed with systemic herbicide. All beds then to be cleared of all vegetation not shown on planting plan. All bulky shrubs, weeds and other vegetable matter and all bricks, wire, timber and other debris greater than 50mm in any dimension to be removed to tip.

All beds (including trees in grass) to be spread with 75mm peat-free recycled green waste compost (such as Maxwell Hydrogrow) *Mycorrmax* from ALS Ltd www.amentfy.co.uk).

All small beds to be hand dug to a depth of 300mm to incorporate compost and to break up any compaction. Larger beds may be ripped (to a depth of 450mm at 600m centres) if preferred. No rotovators shall be used in any planting beds.

All beds to be raised to level of adjacent kerb with good quality topsoil as necessary.

All trees and shrubs to conform to BS 3936.

After planting, before mulching, all beds to be forked over by hand to relieve surface compaction.

SHRUBS, WHIPS AND PERENNIALS

All plants labelled CG to be supplied container grown in min 2 litre pots. All plants labelled BR to be supplied bare root. If bare root stock is not available or if planting takes place beyond the bare-root planting season, all such plants should be supplied and planted as container grown stock as above.

Tree whips to be from UK Sourced and Grown Assurance Scheme suppliers where available.

Parthenocissus, Hydrangea petiolaris, Euonymus Emerald Gaiety, Euonymus Silver Queen, Jasminium nudiflorum and Hedera helix Pedata to be planted hard against walls & fences. In all cases any supporting stick to be removed and stems pinned to ground with steel wire (min 400mm length 3mm gauge bent double).

All plants to be pit planted with 30g slerthind bonemeal incorporated into backfill.

Hedges to be planted as double staggered row with 45cm between rows.

Unless otherwise specified, where a number of species/varieties are specified within a polygon (discrete area of a planting bed enclosed by lines), each type of plant should be well distributed and evenly spaced across the polygon in single species groups of 1-3. An illustration of this is shown below:

Soil around all plants to be watered with 10 litres of water per plant immediately after planting to ensure settling of soil around rootball.

All planting beds except those in or at edge of gravel areas to be covered with 100mm settled depth of composted BARK mulch. Particle size to be 20-75mm. Bark to be cleared from leaves (including dormant herbaceous crowns) to leave plant wholly visible. Beds within or at edge of gravel areas to be mulched with gravel rather than bark.

If there is a likelihood of rabbit or deer browsing, all shrub and whip stock to be protected immediately upon planting as follows: single-stemmed shrub and whip stock to be protected with 600mm clear plastic spiral rabbit guard supported by a single bamboo cane. Multi-stemmed or bushy stock to be protected with recycled plastic netting guard 600 x 300mm (mesh size max 40x20mm) secured by two bamboo canes. Guards to be fixed so that there is no gap between guard and soil surface.

DENSITIES

Stock is specified on this plan at the following densities:

Eventual spread	Plant 10m
0-300	5-7/sqm
301-1200	4-5/sqm
1201-2500	2-3/sqm
250+	1-2/sqm
Hedges	4-6/m

Densities vary in response to bed situation, shape, gradient and purpose, stock size at planting, growth rate, habit and deciduous/evergreen nature.

TREES

The following notes refer only to trees shown on the plan by a cross within a circle. Other tree species to be planted as per shrub notes above.

Rootballed trees to be supplied with rootball wrapped within hessian (burlap) and kept moist between lifting and planting. Rootballs must be well rooted through and appropriate to the age, size and species of tree. Rootballs should be supported by wire/timber as appropriate.

All other trees to be supplied with roots wrapped in damp straw inside a black polythene bag. All trees supplied or planted outside planting season (Nov-March) to be container grown.

Magnolia to be secured with Platipus rootball fixing system (Plati-Mat) or similar and approved of the size appropriate to the tree (refer to manufacturer).

All other trees to be secured as follows:
All feathered trees less than or equal to 1.5-1.8m in height to be planted with single short (1250mm long, 750mm above ground) stake, rubber tree tie & spacer. All other trees to be planted with 2 short (1250mm long, 750mm above ground) stakes with crossbar, tree tie & spacer. Stakes to be Robinia or pressure treated softwood min 75mm diameter installed before tree is planted.

All trees to be pit planted in pit minimum 1m dia by 600mm deep with 60g slerthind bonemeal incorporated into backfill of each tree.

Trees to be planted in position shown by cross on plan. When it is not possible to plant in this position the contractor should refer back to developer for instruction.

All trees to be planted with "Root Rain" product by Greenleaf. Size to be RR3/RR2 depending on size of tree.

Soil around all trees to be watered with 60 litres of water per tree immediately after planting to ensure settling of soil around rootball.

All trees located within 3m of paved surfacing or a wall to be planted after "Beroot" 600mm ribbed sheet (www.greenleaf.com) has been installed to 600mm depth along the edge of the paving/wall. Sheet to extend minimum 2m in either direction from the point on the edge of the paving/wall nearest the tree.

If there is the likelihood of rabbit or deer browsing, all trees to be protected immediately upon planting with recycled plastic mesh (mesh size 40 x 20mm max) to protect tree from ground to min 600mm above GL. Mesh to be attached to both sides of double tree stakes so that there is a minimum 50mm gap between trunk and mesh. For single tree stakes the mesh is to be formed into a cylinder of minimum diameter 300mm and attached to the stake so that the tree is approximately central. The mesh is to be fixed so that there is no gap between it and the soil surface.

All trees planted in grass to be protected with Tree's Strimmer Guard and with 1200mm Biodegradable Weedmat (www.greenfix.com/www.greenfix.co.uk) fixed after remaining turf has been sprayed with translocated herbicide.

Proposed foundation types and depths should be specified in line with NHBC guidelines on tree planting in relation to foundations to take into account existing and proposed tree species and soil shrinkability. The foundation depth of existing buildings and walls on and adjacent to the site should also be checked to ascertain the suitability of proposed trees.

Dessert fruit trees to be planted as above. Dessert fruit trees may be available from Lodge Farm Trees (www.lodgefarmtrees.co.uk 01454 260 310) or from Walcot Nursery (01905 841 587 www.walcotnursery.co.uk). If size specified is not available then use largest available size. If vigorous rootstock is not available then refer to client.

MEADOW AND SHORT GRASS AREAS

Meadow areas to be seeded with Emorsgate mix EM5 "*Meadow Mixture for Loamy Soils*" at a rate of 4g/sqm.

Short grass in public areas to be seeded with Emorsgate mix EM1 "Flowering Lawn *Mixture*" at a rate of 4g/sqm.

Preparation

All areas to be seeded to be cultivated by harrow or hand tools to break up the surface of the soil to produce a fine tilth. As the native topsoil is clayey, rotavators and other power cultivators shall not be used on this site for any operation. Use of such machinery is likely to destroy topsoil structure and would produce a capped layer which would impede drainage and set back germination and subsequent establishment. Allow a fallow period of 2-3 weeks after cultivation for weed seeds to germinate and kill with systemic herbicide.
Ensure rootbed is neither dry and dusty nor so moist that the structure is damaged by machine passage, grade to smooth, flowing contours, removing all minor hollows and ridges.
Unless otherwise stated, finished levels after settlement to be level with adjoining paving, kerbs, manholes etc.
Rake to a true, even, surface to produce a suitable seedbed. Remove clumps of vegetation and other objects brought to the surface larger than 100mm in any dimension. Do not use stonepicking machinery in this operation as this will destroy soil structure.
Obtain approval of appearance of prepared soil areas before seeding.

Sowing

Sow seed at a rate of 4g/sqm during March or September weather and soil conditions permitting. Inform Landscape Architect of intention to sow. Do not sow without Landscape Architect approval.
Spread seed evenly in two equal sowings in opposite directions. Mix with fine sand to ensure the correct sowing rate.
Do not cover, firm or incorporate the seed after sowing.

Seed source

Seed and detailed sowing and aftercare advice available from www.wildseed.co.uk (Limes Farm, Tilney All Saints, Kings Lynn, Norfolk, PE34 4RT. Tel 01553 829 028).

TIMING OF PLANTING/SEEDING

Please note that all of the landscaping shown on this plan is installed during the first planting/seeding season after the completion of the development phase.

SCHEDULE OF PLANTING

TREES

Symb.	Species	English name	Min Size
Bp	Betula pendula	Silver Birch	175-200 feathered RB/CG
Cbe	Carpinus betulus	Hornbeam	175-200 feathered RB/CG
CFF	Carpinus betulus Fram Fontaine	Hornbeam var.	12-14 Heavy standard
CPS	Crataegus "Paul's Scarlet	Orn. Hawthorn	12-14 Heavy standard
Ll	Laburnum laburnum	Honey locust	12-14 Heavy standard
LRS	Acer campestre Elsrijk Red Shine	Field maple var.	12-14 Heavy standard
Ll	Liriodendron tulipifera	Tulip tree	12-14 Heavy standard
AAG	Magnolia Alba Superba	Mag var	7.5m pot
AUD	Malus "John Downie"	Crab apple	12-14 Heavy standard
Pd	Prunus: dessert plum or gage on Brompton (vig. standard) rt stk		4 to 6 Half standard
PF	Prunus avium "Plena"	Wild cherry	12-14 Heavy standard
PTH	Prunus Tai Haku	Great white cherry	8-10 standard
Py	Pyrus: dessert pear on Pyrus (Wild Pear) vig. (standard) rt stk		4 to 6 Half standard
Sa	Sorbus aucuparia	Rowan	12-14 Heavy standard
Sa	Sorbus aucuparia	Rowan	12-14 Heavy standard
SaA	Sorbus aucuparia 'Asplenifolia'	Cut leaf rowan	12-14 Heavy standard
Sc	Sorbus cashmiriana	Rowan variety	12-14 Heavy standard
Sto	Sorbus torminalis	Wild Service Tree	12-14 Heavy standard
Tc	Tilia cordata	Small-leaved lime	12-14 Heavy standard
TG	Tilia cordata Greenspire	Small Leaved Lime var.	12-14 Heavy standard

PEREENNIALS, SHRUBS AND WHIPS ETC

Symb.	Species	English name	Min Size
Acm	Acer campestre	Field maple	60/90 BR
Aj	Anemone "Honorine Jobert"	Anemone	2 litre pot
Bd	Berberis darvisii	Barberry var.	2 litre pot
CaG	Caryopteris "Arthur Simmonds"	Cac. var.	30-45 CG
Ce	Corylus avellana	Hazel	60/90 BR
CBB	Campanula persic. Blue Bloomers	Canterbury Bells	2 litre pot
Cbm	Cornus mas	Cornelian	30-45 CG
Ccn	Cotoneaster cinerarum	Con. var.	30-45 CG
Cg	Campanula portenschlagiana	Camp. Var.	P9
CGn	Cotoneaster "Coxon"	Cot. var.	30-45 CG
Ch	Cotoneaster horizontalis	Cot. var.	30-45 CG
CL	Crocosmia Lucifer	Croc. var	P9
Cmg	Crataegus monogyna	Hawthorn	60/90 BR
Cmp	Cotoneaster microphyllus	Cot. Rock Cotoneaster	30-45 CG
Cnf	Cotoneaster franchetii	Cot. Variety	30-45 CG
Cy	Ceanothus thyrs. repens	Creeping blue bliss	30-45 CG
CS	Cistus "Silver Pink"	Sun rose	30-45 CG
Ct	Choisya ternata	Mex. orange blossom	30-45 CG
Cu	Cistus corbariensis	Sun rose	30-45 CG
Cy	Cytisus scoparius	Broom	30-45 CG
DC	Daphne cneorum	Daphne var.	20-30 CG
DEF	Daphne Eternal Fragrance Blafra	Daphne var.	2 litre pot
EBM	Euonymus Blondie Marie	Euon. Variety	P9
EBW	Erysium Bowles' Mauve	Perr. Wallflower	P9
EE	Euonymus "Emerald Gaiety"	Climbing spindle	30-45 CG
EQ	Euonymus "Silver Queen"	Climbing spindle	30-45 CG
ER	Euonymus "Red Cascade"	Spindle var.	30-45 CG
Eu	Euonymus europaeus	Spindle	60/90 BR
Fsv	Fagus sylvatica	Beech	60/90 BR
GB	Geranium "Brooke's Blue"	Cranesbill	2 litre pot
GN	Genista hispanica	Spanish gorse	20-30 CG
GO	Geranium "Orkney"	Cranesbill	P9
GW	Geranium "Wargrave Pink"	Geranium	2 litre pot
GZ	Geranium Rozanne	Cranesbill	2 litre pot
HA	Hebe "Autumn Glory"	Hebe var.	20-30 CG
Hd	Hedera helix "Pedata"	Bird's foot Ivy	20-30 CG
HEB	Hebe "E.A Bowles"	Hebe var.	20-30 CG
HPD	Helianthemum "Fire Dragon"	Rock rose	20-30 CG
Hr	Helianthemum "Wisley Pink"	Rock rose	20-30 CG
Hl	Helichrysum italicum	Curry plant	20-30 CG
Hm	Hypericum x moserianum	St. John's Wort	20-30 CG
Hs	Hyssopus officinalis	Hyssop	20-30 CG
Hp	Hydrangea petiolaris	Climbing hyd.	30-40 CG
Hu	Hypericum calycinum	St. John's Wort var.	20-30 CG
HWP	Helianthemum "Wisley Primrose"	Rock rose	20-30 CG
Ia	Ilex aquifolium	Holly	30-40 CG
Ib	Iberis sempervirens	Per. Candytuft	P9
Ia	Ilex aquifolium	Common holly	30-40 CG
Id	Iris douglasiana	Iris	2 litre pot
IDC	Iris "Dusky Challenger"	Iris	2 litre pot
IfL	Iris "Mary Frances"	Iris	2 litre pot
Jo	Jasminium nudiflorum	Winter Jasmine	30-40 CG
LF	Lavandula "Folgate"	Lav. var	20-30 CG
LG	Lavandula "Grosso"	Lav. var	20-30 CG
LH	Lavandula "Hidcote"	Lav. var	20-30 CG
Lm	Liriope muscari	Big blue lilyturf	P9
Lo	Lonicera nitida	Hedge	30-45 CG
Ma	Mahonia aquifolium	Mahonia var.	30-45 CG
Nc	Nepeta x faassenii	Catmint	2 litre pot
Pc	Pachysandra terminalis	Pac. var.	20-30 CG
PD	Potentilla "Daydawn"	Pot. var	30-45 CG
PoM	Philadelphus "Manteau d'Hermine"	Mock Orange	30-45 CG
Pmt	Phlomis russeliana	Phlomis var.	2 litre pot
PT	Pyracantha rogersiana	Firethorn	30-45 CG
PRa	Potentilla "Red ace"	Pot. var.	30-45 CG
Ps	Prunus spinosa subsp.insititia	Blackthorn	30-45 BT
Ps	Prunus spinosa	Blackthorn	30-45 BT
PyAl	Pyracantha "Mojave"	Firethorn	30-45 CG
PyS	Pyracantha "Shawnee"	Firethorn	30-45 CG
PyT	Pyracantha "Teton"	Firethorn	30-45 CG
PZ	Prunus laurocerasus "Zabeliana"	Prunus var.	30-45 CG
Qrw	Quercus robur	English oak	60/90 BR 1yr
Rc	Rosa canina	Dog rose	60/90 BR 1yr
Rla	Rubus idaeus (autumn fruiting) ag autumn Bliss, all Gold, Polka	Raspberry	60/90 BR 1yr
Rlb	Rubus idaeus (summer fruiting) ag Erika, Glen Ample, Glen Ample Boomerious "Miss Jessops Upright"	Raspberry	60/90 BR 1yr
Rni	Ribes nigrum Ben Hope	Blackcurrant	30-45 BT
RP	Rosa "Pearl Heidfland	Rose	30-45 CG
Rru	Ribes rubrum (Junifer or Red Lake)	Redcurrant	30-45 BT
RSa	Rosa sericea	Rose var.	30-45 CG
RSB	Rosa Scarlet Heidfland	Rose var.	30-45 CG
RSG	Rosmarinus "Severn Sea"	Rosemary	30-45 CG
Rug	Ribes uva-crispa	Gooseberry	40/60 BR
Scb	Santolina chamaecyparissus	Cotton lavender	20-30 CG
ScC	Salvia nemorosa Caradonna	Balkan clary	P9
Scb	Santolina chamaecyparissus	Cotton lavender	20-30 CG
SF	Skimmia "Foremanii"	Skimmia female var.	30-45 CG
SJ	Skimmia Fragrans	Skimmia male var.	30-45 CG
SLP	Spiraea japonica "Little Princess"	Spiraea var.	30-45 CG
Sv	Salvia officinalis "Purpurascens"	Sage var.	2 litre pot
SR	Skimmia japonica Rubella	Skimmia male var.	30-45 CG
SS	Senecio "Sunshine"	Sen. var.	30-45 CG
St	Spiraea thunbergii	Spiraea var.	30-45 CG
Sx	Spiraea x vanhouttei	Spiraea var.	30-45 CG
Tc	Tiarella cordifolia	Foamflower	2 litre pot
Vm	Vinca minor "Azurea Flore Pleno"	Periwinkle	20-30 CG
Vd	Viburnum davidii	David's viburnum	2 litre pot
VI	Viburnum lantana	Wayfaring	P9
Vo	Viburnum opulus	Guelder rose	60/90 BR 1yr
VR	Viburnum "Anne Russel"	Vib var.	30-45 CG
Vx	Viburnum x juddii	Vib. var.	30-45 CG