NOTES

PROTECTION OF EXISTING VEGETATION

Existing vegetation to be retained on site shall be protected where necessary during works by a tree protective barrier, secured to a scaffold tubing framework with fluorescent tape to the top rail. Protective fencing shall be erected on the canopy drip line wherever possible. Laminated, waterproof A4 signs shall be fixed to the fence posts at 10m intervals bearing the words 'PROTECTED TREE ZONE - NO STORAGE OR OPERATIONS WITHIN FENCED AREA'.

Tracking of machinery, storage of chemicals and building materials shall not be permitted within the protected area. Leaks or spills should be removed immediately and the contaminated soil replaced. No bonfires shall be lit within 5m of the canopy spread. Any excavation work beneath the canopy spread shall be carried out by hand.
All works affecting trees within the development shall be subject to BS 5837:2012.

TREE PLANTING

Tree planting to the front gardens of selected plots will break up the hard lines of the buildings and create focal points within the development. The tree species selected will maximise food and nectar sources for birds and invertebrates. Trees will be planted as Select, Heavy & Extra Heavy Standards to provide a reasonable degree of instant maturity to the development. Foundation design of new buildings shall accommodate proposed tree planting in accordance with NHBC guidelines.

Species to be selected from:

Acer campestre (Ac)
Acer platanoides 'Laciniatum' (ApL)
Alnus incana (Ai)
Betula pubescens (Bpu)
Betula utillis var. jacquemontii (Buj)
Carpinus betulus (Cb)
Malus sylvestris (Ms)
Malus tschonoskii (Mt)
Prunus padus (Pp)
Prunus sargentii (Ps)
Prunus subhirtella 'Autumnalis Rosea' (PsAR)
Pyrus calleryana 'Chanticleer' (PcC)
Quercus robur (Qr)
Sorbus aria (Sa)
Sorbus aucuparia (Sau)
Sorbus 'Embley' (SE)
Sorbus 'Joseph Rock' (SJR)
Tilia x euchlora (Te)
Tilia cordata 'Green Spire' (TcGS)

SHRUB PLANTING

A mix of evergreen and deciduous shrubs will be planted in selected front gardens to soften the development and to provide a valuable food source for birds and invertebrates. A mix of medium/low shrubs will be planted to shrub beds with medium/large varieties used for informal hedging.

Species to be selected from: ( ) density/m2

Berberis frikartii 'Amstelveen'(5), Berberis thunbergii 'Atropurpurea Nana'(5), Bergenia cordifolia 'Silberlicht'(6), Ceanothus thyrsiflorus repens(4), Chaenomeles superba 'Jet Trail'(4), Cornus alba 'Spaethii'(2), Cornus stolonifera 'Flaviramea'(2), Cytisus 'Allgold'(4), Elaeagnus pungens 'Maculata'(3), Escallonia 'Apple Blossom'(4), Euonymous fortunei 'Emerald Gaiety'(6), Festuca spp(6), Geranium 'Johnson's Blue'(4), Hebe albicans 'Red Edge'(4), Hebe 'Autumn Glory'(4), Hypericum x moserianum(4), Juniperus sabina 'Tamariscifolia' (3), Lavandula 'Hidcote'(6), Lonicera 'Maygreen'(4), Lonicera 'Silver Beauty'(4), Nepeta faasenii(4), Perovskia 'Blue Spire'(6), Phormium var, Potentilla 'Red Ace'(5), Prunus laurocerasus 'Zabeliana'(3), Pyracantha 'Orange Charmer'(3), Rubus x 'Betty Ashburner'(4), Spiraea 'Gold Flame'(4), Spiraea 'Shirobana'(4), Viburnum tinus 'Eve Price'(3)

NATIVE HEDGE PLANTING

Native hedgerows will be planted to improve wildlife foraging opportunities. Native hedge planting will consist of Blackthorn, Hawthorn, Holly, Dog rose, Guelder rose and Hazel. Hedges are to be planted as a double staggered row of 40-60cm high hedging plants.

PUBLIC OPEN SPACE

The Public Open Space will provide space for the drainage strategy in the form of an attenuation basin and swale. These areas will be planted with a mix of wildflower meadow and species rich grass to improve biodiversity and encourage species that will thrive in the damper conditions.

A LEAP standard play area will be located centrally with linking footpaths through the space. The area immediately around the play area will be sown with a harder wearing grass species to tolerate increased use and play. The remaining areas will be sown with a species rich flowering lawn seed which will provide a greater diversity of species but can be mown more regularly to encourage amenity use.

The wider areas of the Open Space will be planted with blocks of mixed woodland and woodland edge mix. Existing native hedges and areas of scrub will be retained and enhanced where necessary and new native hedgerows will be planted to improve wildlife foraging opportunities and strengthen the boundary.

Native Shrub Mix (0.75ctr)
5 Cornus sanguinea
3 Corylus avellana
3 Cytisus scoparius
5 Ligustrum ovalifolium
1 Lonicera periclymenum
1 Rosa arvensis

Future Link

Native Shrub Mix (0.75ctr)
15 Cornus sanguinea
8 Corylus avellana
8 Cytisus scoparius
15 Ligustrum ovalifolium
4 Lonicera periclymenum
4 Rosa arvensis

Native Shrub Mix (0.75ctr)
18 Cornus sanguinea
9 Corylus avellana
9 Cytisus scoparius
18 Ligustrum ovalifolium
5 Lonicera periclymenum
5 Rosa arvensis

Native Hedge (5/lin m)
15 Cornus sanguinea
29 Corylus avellana
10 Ilex aquifolium
19 Prunus spinosa
5 Rosa arvensis
19 Sambucus nigra

Native Shrub Mix (0.75ctr)
7 Cornus sanguinea
3 Corylus avellana
3 Cytisus scoparius
7 Ligustrum ovalifolium
2 Lonicera periclymenum
2 Rosa arvensis

Native Tree & Shrub Mix (1.00 ctr)
9 Acer campestre
8 Betula pendula
6 Carpinus betulus
9 Corylus avellana
9 Crataegus monogyna
8 Prunus spinosa
12 Sorbus aucuparia

Native Shrub Mix (0.75ctr)
7 Cornus sanguinea
3 Corylus avellana
3 Cytisus scoparius
7 Ligustrum ovalifolium
2 Lonicera periclymenum
2 Rosa arvensis

Native Tree & Shrub Mix (1.00 ctr)
9 Acer campestre
8 Betula pendula
6 Carpinus betulus
9 Corylus avellana
9 Crataegus monogyna
8 Prunus spinosa
12 Sorbus aucuparia

Native Shrub Mix (0.75ctr)
38 Cornus sanguinea
19 Corylus avellana
19 Cytisus scoparius
38 Ligustrum ovalifolium
9 Lonicera periclymenum
9 Rosa arvensis

Native Tree & Shrub Mix (1.00 ctr)
147 Acer campestre
122 Betula pendula
98 Carpinus betulus
147 Corylus avellana
147 Crataegus monogyna
122 Prunus spinosa
196 Sorbus aucuparia

Native Hedge (5/lin m)
73 Cornus sanguinea
145 Corylus avellana
48 Ilex aquifolium
97 Prunus spinosa
24 Rosa arvensis
97 Sambucus nigra

Native Hedge (5/lin m)
5 Cornus sanguinea
10 Corylus avellana
3 Ilex aquifolium
6 Prunus spinosa
2 Rosa arvensis
6 Sambucus nigra

Marginals Mix (7m2)
44 Caltha palustris
88 Eleocharis palustris
44 Iris pseudacorus
44 Juncus conglomeratus
88 Juncus effusus
44 Lychnis flos-cuculi
44 Lythrum salicaria
44 Mentha aquatica

Marginals Mix (7m2)
33 Caltha palustris
65 Eleocharis palustris
33 Iris pseudacorus
33 Juncus conglomeratus
65 Juncus effusus
33 Lychnis flos-cuculi
33 Lythrum salicaria
33 Mentha aquatica

Marginals Mix (7m2)
51 Caltha palustris
102 Eleocharis palustris
51 Iris pseudacorus
51 Juncus conglomeratus
102 Juncus effusus
51 Lychnis flos-cuculi
51 Lythrum salicaria
51 Mentha aquatica

Basin

Swale

ROAD 1 – speed limit 20 mph

LEAP

Provide drop kerbs to existing track

Approx. existing HP easement

Hedge removed

KEY

- Existing trees & RPA area's to be retained
- Existing tree to be removed
- Proposed Extra heavy standard (14-16cm girth) tree
- Proposed heavy standard (12-14cm girth) tree
- Proposed selected standard (10-12cm girth) tree
- Proposed native hedge
- Proposed mixed native species shrub planting
- Proposed mixed native species tree & shrub planting
- Proposed marginal planting
- Proposed ornamental shrub planting
- Proposed amenity grass seed
- Proposed wildflower grass seed
- Proposed wetland wildflower grass seed
- Species rich grassland
- Existing scrub and understorey retained, enhanced and managed
  - Refer to Kedd Limited BNG Assessment for full details

Rev.A: Drawing updated to latest site layout 624-RP-001 (MN) Nov 25

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LOWER SOMMERCOTES
ALFRETON,
DERBYSHIRE

drawing title: LANDSCAPE MASTERPLAN FOR POS AREAS

scale	date	drwn by	drawing no
1:500 @A0	Jun 25	MBN	R/2791/7A