KEY - Ecological Enhancements

ST **Sparrow terrace**
Sparrow Terrace located as indicated. To be 1SP Sparrow Terrace as supplied by Schwegler or similar approved.

SB **Swift box**
Swift boxes location as indicated. To be No.16 Swift Box as supplied by Schwegler or similar approved.

Swift Boxes shall meet the following criteria unless otherwise agreed in writing by the Local Planning Authority:
1) Be located a minimum of 5m above ground floor level;
2) Be located beneath the eaves of the dwelling as close to the eaves as possible;
3) Be build in to the specified dwellings and not externally fixed.

KEY - Play Area

Seating
Ref: BX17 4000-RT 'Rosin Seat' (supplied in black) mild steel seat with armrests, as supplied by Broxap or similar approved. Seat to be installed with submerged fixing set in concrete footings to manufacturers specification.

Litter bin
Litter bin - Derby Standard Litter Bin (Ref:BX45 2550-S), in black as supplied by Broxap (www.broxap.com) or similar approved.

Timber log seats
Tree trunk to be laid horizontally for seating or climbing. Trunk to be prepared for use in a public area with branches cut back to leave a rustic and relatively smooth finish.

Snail marble run
Timber marble runs (Ref:J2 Snail Marble Run) as supplied by Russell Play (www.russell-play.com)or similar approved. Installed within grass matting appropriate equipment in accordance with EN 1176.

Timber spiral stepping logs and balance pole
Timber stepping logs laid as a spiral with a balance pole including bird carving (Ref:H7 supplied without footholds) as supplied by Russell Play (www.russell-play.com) or similar approved. Stepping logs to vary in height, to a maximum height of 0.4m above ground level. Installed to play manufacturers details in accordance with EN 1176.

Notes

All play elements and layout proposals to be specified in accordance with the requirements set out under BS EN11176 and the Disability discrimination Act.

Signage will be erected in a location approved by the local council and will state:
- the area is solely for use by children
- adults are not allowed unless accompanied by children
- dogs are excluded
- the name and telephone number of the managing body to report any incident or damage to the play elements
- location of the nearest telephone

The exact specification and details should be discussed and agreed with the local authority.

Snail Marble Run (Ref J2)

Balancing pole including bird carving (Ref H7)

Timber stepping logs - logs to be a maximum height of 0.4m, laid in a spiral formation.

LANDSCAPE SCHEDULE

Street & feature trees

Ref	Species	Supply	Size(cm)	Girth(cm)
S11	Betula utilis jacquemontii	EHStd RB	450-650	18-20
S12	Corylus colurna	SM RB	600+	20-25
S13	Malus trilobata	EHStd RB	450-650	18-20

Plot trees

Ref	Species	Supply	Size(cm)	Girth(cm)
T1	Betula pendula	EHStd BR	425-600	14-16
T2	Malus 'John Downie'	EHStd RB	425-600	14-16
T3	Pyrus calleryana 'Chanticleer'	EHStd RB	425-600	14-16
T4	Sorbus discolor	EHStd RB	425-600	14-16

Boundary trees

Ref	Species	Supply	Size(cm)	Girth(cm)
Tp1	Carpinus betulus	EHStd RB	450-650	18-20
Tp2	Prunus avium 'Plena'	EHStd RB	425-625	16-18
Tp3	Acer campestre 'Elsrijk'	EHStd BR	425-600	14-16
Tp4	Alder glutinosa	EHStd BR	425-600	14-16
Tp5	Prunus avium 'Plena'	EHStd BR	425-600	14-16
Tp6	Sorbus aucuparia	EHStd BR	425-600	14-16

BR - Bare Root Stock **RB** - Root Balled Stock

All tree locations and species must be taken into consideration by the project Structural Engineer to ensure that foundation design accords with the specifications set out under Chapter 4.2 of the NHBC Standards. It is the Contractors responsibility to ensure that all underground services have been located and identified in advance of tree pit excavation.

No tree species/location/specification will be amended without prior approval from the project Landscape Architect and/or the Client.

Specimen shrubs

Ref	Species	Supply	Size(cm)	Habit
S1	Phormium tenax 'Jester'	25L	80-100	Bushy
S2	Phormium tenax 'Rainbow Sunrise'	25L	80-100	Trp cm
S3	Phormium tenax 'Yellow Wave'	25L	100-125	Trp cm
S4	Photinia x fraseri 'Red Robin'	70L	200-225	1/2 Std

All specimen shrubs to be planted in accordance with horticultural best practice guidelines. No feature shrub or climbers species, size or location should be altered without prior approval from the Landscape Architect. Planting beds to be mulched with 75mm layer of bark.

Hedgerows

Abbr	Species	Supply	Size(cm)	Habit	Ctrs(cm)
ELAEB	Elaeagnus x ebbingei	10L	80-100	Bushy	40
PRULU	Prunus lusitanica	10L	80-100	Bushy	40
CARBET	Carpinus betulus	Fthd 2x	150-175	3 Breaks	40

All hedgerow shrubs to be planted in accordance with horticultural best practice guidelines. No hedgerow shrub species, size or location should be altered without prior approval from the Landscape Architect. Planting beds to be mulched with 75mm layer of bark.

Carpinus 2x feathered stock to be planted in a single row at 40cm centres and cut back to 1.2m in height at time of planting to secure an even, neat and tidy hedgerow. The hedgerow is to be supported through the use of a single line wire fence at 90cm in height. Hedgerow stock is to be attached to the line wire with 1no. shrub slip per plant.

Shrubs/herbaceous

Abbr	Species	Supply	Size(cm)	Habit	Ctrs(cm)
AUCJA	Aucuba japonica	10L	60-80	Bushy	75
BRASU	Brachyglottis 'Sunshine'	10L	40-60	Bushy	70
CAROSE	Carex oshimensis 'Evergold'	2L	-	Full pot	60
CEATHR	Ceathorthus thyrsiflorus repens	10L	40-60	Bushy	70
CHOAP	Choisya 'Aztec Pearl'	10L	40-60	Bushy	70
CHOTES	Choisya ternata 'Sundance'	10L	40-60	Bushy	70
CHOTE	Choisya ternata	10L	40-60	Bushy	70
CORALE	Cornus alba 'Elegantissima'	3L	40-60	Branched	75
ELAPUMA	Elaeagnus pungens 'Maculata'	10L	60-80	Bushy	75
• EUJFOEG	Euonymus fort. Emerald Gaiety'	10L	30-40	Bushy	60
• EUOFOENG	Euonymus fort. Emerald 'n' Gold'	10L	30-40	Bushy	60
EUPAMP	Euphorbia amyg. 'Purpurea'	3L	-	Full pot	70
FATJA	Fatisia japonica	10L	60-80	Bushy	75
HEBMW	Hebe 'Mrs winder'	10L	40-60	Bushy	70
• HEBALRE	Hebe albicans 'Red Edge'	10L	30-40	Bushy	65
• HEBPIS	Hebe pinguifolia 'Sutherlandii'	10L	30-40	Bushy	60
HEBMAR	Hebe 'Marjorie'	10L	30-40	Bushy	70
HYPHI	Hypericum 'Hidcote'	10L	40-60	Bushy	70
LAVANHI	Lavandula angustifolia 'Hidcote'	10L	30-40	Bushy	60
LAVANMU	Lavandula angustifolia 'Munstead'	10L	30-40	Bushy	60
LONNIBG	Lonicera nitida 'Baggesen's Gold'	10L	40-60	Bushy	70
LONNIMG	Lonicera nitida 'Maigreen'	10L	40-60	Bushy	70
PHOFLER	Photinia fraseri 'Little Red Robin'	10L	40-60	Bushy	70
PHOFRRER	Photinia fraseri 'Red Robin'	10L	60-80	Bushy	75
PRULAOL	Prunus laurocerasus 'Otto Luyken'	10L	40-60	Bushy	70
• SKIJARU	Skimmia japonica 'Rubella'	10L	40-60	Bushy	70

Amenity shrub mix

Abbr	Species	Supply	Size(cm)	Habit	Ctrs(cm)
BERFRA	Berberis x frikartii 'Amstelveen'	5L	30-40	Bushy	60
COERSTK	Cornus stolonifera 'Kelseyi'	3L	40-60	Bushy	60
HYPMO	Hypericum x moserianum	3L	20-30	Bushy	60
LONNIMG	Lonicera nitida 'Maygreen'	5L	30-40	Bushy	60
MAHAQAP	Mahonia aquifolium 'Apollo'	5L	30-40	Bushy	60
VIBOPCO	Viburnum opulus 'Compactum'	5L	30-40	Bushy	60

Gorundcover shrub mix

Abbr	Species	Supply	Size(cm)	Habit	Ctrs(cm)
GERMA	Geranium macrorrhizum	3L	n/a	Full pot	50
PACTE	Pachysandra terminalis	3L	20-30	Bushy	50
VINMIGEJ	Vinca minor 'Gertrude Jekyll'	3L	20-30	Bushy	50

All shrubs to be planted in accordance with horticultural best practice guidelines. No shrub species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 3-7 within mixed species beds. Planting beds to be mulched with 75mm layer of bark.

* Indicates shrubs to be planted to the front of the planting bed/path edge.

Climbers

Abbr	Species	Supply	Size(cm)	Habit
C1	Clematis montana	2L	60-80	Bushy
C2	Lonicera periclymenum	2L	60-80	Bushy

All climbers to be planted in accordance with horticultural best practice guidelines. No shrub species, size or location should be altered without prior approval from the Landscape Architect. Planting bed to be mulched with 75mm layer of bark.

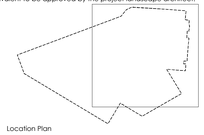
Turf to plot frontages to be laid as Rolawn 'Medallion', or similar approved

Pea gravel mulch

Minimum 40mm depth decorative pea gravel (10 mm) mulch to be used were small areas of lawn would be awkward to maintain. Terram layer to be laid beneath.

Notes

- All landscape proposals must be referred to by the Structural Engineer during foundation design.
- Shrub beds topsoiled to a depth of 300mm, turfed areas to a depth of 100mm. All planting to be implemented in accordance with horticultural best practice guidelines.
- No species, variety, size or position to be amended without the Landscape Architects prior approval.
- Before trees are planted, the Landscape Contractor shall ascertain the location of drains from the site manager, and shall if necessary make minor adjustments to tree positions to ensure that they are planted at least 1.5m from drains. They should however be planted no closer to houses/garages than is shown on the drawing, and if shown located in shrub beds, the shape of the latter should be adjusted if necessary to accommodate the revised tree position.
- If planting conditions are particularly poor e.g. waterlogged/frozen ground or poor soils, the Site Manager must be notified. All works will halt until conditions are considered acceptable.
- All planting must be mulched to a depth of 75mm and in accordance with horticultural best practice guidelines ensuring plants are not buried.
- If planting is required outside the October-March season, bare root shrubs will be replaced by 3L pot grown plants, and trees will be replaced by a containerised equivalent to be approved by the project landscape architect.


Location Plan

Rev F: 20.01.2017	Minor amendments to locations of bird boxes.
Rev E: 27.01.2017	Amended locations of bird boxes.
Rev D: 26.01.2017	Amended in line with LPA comments and revised layout.
Rev C: 12.12.2016	Play images added to the drawing.
Rev B: 05.12.2016	Plot 15-26 revised with line with amended layout.
Rev A: 22.11.2016	Amended in line with client comments and revised layout.

Number/Ignore
GL0594 05F
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1:250 @ A0
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17/11/2016
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AL

Project
Parcel H2, Northstowe
Cambridgeshire
Drawing title
Soft Landscape Proposals
Sheet 2 of 3
Client
BDW Eastern Counties

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