PLAY AREA KEY

Boundary fencing
1.0m high anti-trap bow top fencing finished in black RAL colour. To be manufactured from galvanised steel. Fencing to supplied by Jackson Fencing or similar approved manufactured and installed in accordance with RoSPA guidelines and BS EN 1176.

Pedestrian gate
1.0m high, 1.2m wide anti-trap single bow top self closing gate with self closing mechanism and opening outwards. Gate to be finished in red to aid partially sighted users. RoSPA approved and to conforms to BS EN 1176 play fence standards.

Combined pedestrian and maintenance gate
1.0m high, 2.8m wide, red, double leaf lockable maintenance gate with drop bolts. RoSPA approved and to conforms to BS EN 1176 play fence standards.

Seats
BX17 400lT Roslin steel framed seat supplied with arms, root fixed supplied by broxap (www.broxap.com) or similar approved.

Litter bin
Derby weyburn (Ref: BX 2550-WBN)steel litter bin as supplied by Broxap or similar approved.

Tarmac surfacing
With ppc edging.

Reinforced grass safety surfacing
Play manufacturers to detail in accordance with EN 1176.

Bound rubber shred safety surfacing
To be EN1176/77 compliant and to depths as specified by manufacturer of play elements. Jungle Mulch or similar approved to be supplied by Play Smart UK or similar approved. Colours: Original.

PLAY EQUIPMENT SCHEDULE

PY1. Supernova. Ref: GXY916000-3417.

PY2. Bird nest swing (120cmØ). Ref: NRO906.

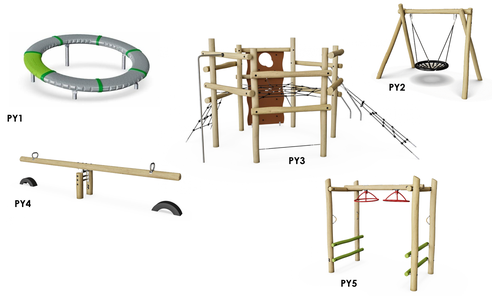
PY3. Six-sided climbing structure. Ref: NRO816.

PY4. Entry see saw. Ref: NRO105.

PY5. Turbo challenge. Ref: NRO884.

All play equipment as supplied by Kompan Play (www.kompan.co.uk) unless indicated otherwise, or similar product from an approved manufacturer.

All play equipment and layout proposals to be specified in accordance with the requirements set out under BS EN 1176 and the Disability Discrimination Act. Following the agreement of play equipment and the general arrangement the selected manufacturer's details will be submitted to the local council for approval along with the finalised proposals and accompanying certificates and details. Signs are to be supplied and erected that the play area is a 'Dog Free' zone and any other information required. Exact wording to be agreed with the Local Planning Authority.



LANDSCAPE SCHEDULE

Development Trees

Ref	Species	Supply	Size(cm)	Girth(cm)
T1	Betula pendula	EHStd BR	450-625	16-18
T2	Malus trilobata	EHStd BR	450-625	16-18
T3	Amelanchier grand. 'Robin Hill'	EHStd RB	425-600	14-16
T4	Magnolia kobus	EHStd RB	425-600	14-16
T5	Corylus columa	EHStd RB	425-600	14-16
T6	Sorbus aucuparia	EHStd RB	425-600	14-16
T7	Cercis canadensis 'Forest Pansy'	EHStd RB	425-600	14-16

BR - Bare Root Stock **RB -** Root Balled Stock - all stock to be provided with a minimum 2m clear stem in line with National Plant Specification.

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	100-125	Trp cm
S2	Phormium 'Rainbow Sunrise'	25L	100-125	Trp cm
S3	Choisya ternata	25L	80-100	Bushy
S4	Photinia x fraseri 'Red Robin'	70L	300-350	EHStd 14-16
S5	Buxus sempervirens	20L	60-80 diam.	Ball

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.

Ornamental 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
GRILI	Griselinia littorals	10L	80-100	Bushy	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.

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
CEATHR	Ceathothus thyrsiflorus repens	10L	40-60	Bushy	70
CHOAP	Choisya 'Aztec Pearl'	10L	40-60	Bushy	70
CHOTE	Choisya ternata	10L	40-60	Bushy	70
CHOTES	Choisya ternata 'Sundance'	10L	40-60	Bushy	70
CORALE	Cornus alba 'Elegantissima'	3L	60-80	Branched	75
ELAPUMA	Elaeagnus pungens 'Maculata'	10L	60-80	Bushy	75
* EUOFOEG	Euonymus fort. Emerald Gaiety'	10L	30-40	Bushy	60
* EUOFOENG	Euonymus fort. Emerald 'n' Gold'	10L	30-40	Bushy	60
FATJA	Fatsia 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	40-60	Bushy	70
HEBPQ	Hebe 'Purple Queen'	10L	30-40	Bushy	70
HYPHI	Hypericum 'Hidcote'	10L	30-40	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 'May Green'	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
VIBDA	Viburnum davidii	10L	40-60	Bushy	70
VIBTIEVP	Viburnum tinus 'Eve Price'	10L	40-60	Bushy	70

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.

Turf to plot frontages - Rolawn Medallion or similar approved.

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 trees will be replaced by a containerised equivalent to be approved by the project landscape architect.

POS Trees

Ref	Species	Supply	Size(cm)	Girth(cm)
P11	Fagus sylvatica	EHStd RB	425-650	18-20
P12	Betula utilis jacquemontii	EHStd RB	425-650	18-20
P13	Carpinus betulus 'Frans Fontaine'	EHStd RB	425-650	18-20
P14	Liquidambar styraciflua	EHStd RB	425-650	18-20
P15	Pyrus calleryana 'Chanticleer'	EHStd RB	425-650	18-20
P16	Tilia cordata	EHStd RB	425-650	18-20
P17	Acer campestre	EHStd RB	425-625	16-18
P18	Betula pendula	EHStd RB	425-625	16-18
P19	Malus trilobata	EHStd RB	425-625	16-18
P110	Prunus avium 'Plena'	EHStd RB	425-625	16-18
P111	Sorbus aucuparia 'Cardinal Royal'	EHStd RB	425-625	16-18
P112	Tilia cordata	EHStd RB	425-625	16-18
P113	Acer campestre	EHStd BR	425-600	14-16
P114	Alnus glutinosa	EHStd BR	425-600	14-16
P115	Carpinus betulus	EHStd BR	425-600	14-16
P116	Quercus robur	EHStd BR	425-600	14-16
P117	Acer campestre	HStd BR	350-425	12-14
P118	Alnus glutinosa	HStd BR	350-425	12-14
P119	Betula pendula	HStd BR	350-425	12-14
P120	Malus sylvestris	HStd BR	350-425	12-14
P121	Prunus avium	HStd BR	350-425	12-14
P122	Quercus robur	HStd BR	350-425	12-14
P123	Sorbus aucuparia	HStd BR	350-425	12-14
P124	Salix caprea	SStd BR	300-350	10-12

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

NOTE: All trees to be supplied clear stemmed to a height of 2m.

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.

Native hedgerow mix - also used for gapping up of existing hedges

Abbr	Species	Supply	Size(cm)	Breaks	Mix (%)
CORSA	Cornus sanguinea	T 1+1	60-80	3	10
CORAV	Corylus avellana	T 1+1	60-80	3	10
CRAMON	Crataegus monogyna	T 1+1	60-80	3	45
ILEAQ	Ilex aquifolium	2L	60-80	3	10
PRUSP	Prunus spinosa	T 1+1	60-80	3	15
ROSCA	Rosa canina	T 1+1	60-80	3	5
VIBOP	Viburnum opulus	T 1+1	60-80	3	5

Hedgerow shrubs to be supplied as bareroot stock unless stated and to be planted in accordance with horticultural best practice guidelines. The landscape proposals must be referred to by the Structural Engineer during foundation design. No hedgerow shrub species, size or location should be altered without prior approval from the Landscape Architect. Hedgerow shrubs to be planted on a double staggered row, 400mm apart with no less than 5 per linear metre within a 50cm wide bed. Transplanted stock to be planted into an appropriate sized pit or notch and protected using green spiral guards secured with a 15mm diameter min. bamboo can inserted inside the guard and up to a third in its length into the ground. Shrubs are to be planted using a green shrub shelter and timber stake fitted in accordance with the manufactures guidelines. Following planting the ground is to be watered to field capacity.

Native shrub mix (planted @ 1.0m centres)

Shrubs Abbr	Species	Supply	Size(cm)	Breaks	Mix (%)
CORSA	Cornus sanguinea	T 1+1	60-80	3	10
CORAV	Corylus avellana	T 1+1	60-80	3	10
CRAMON	Crataegus monogyna	T 1+1	60-80	3	40
EUOEU	Euonymus europaeus	T1+1	60-80	2	5
ILEAQ	Ilex aquifolium	2L	60-80	3	10
PRUSP	Prunus spinosa	T 1+1	60-80	3	15
ROSCA	Rosa canina	T 1+1	60-80	3	5
VIBOP	Viburnum opulus	T 1+1	60-80	3	5

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 5-9 within the bed.transplanted stock to be planted into an appropriate sized pit or notch and protected using green spiral guards secured with a 15mm diameter min. bamboo can inserted inside the guard and up to a third in its length into the ground. Shrubs are to be planted using a green shrub shelter and timber stake fitted in accordance with the manufactures guidelines. Following planting the ground is to be watered to field capacity.

Marginal Species

Abbr	Species	Supply	Size(cm)	M²
CALPA	Caltha palustris	Plug	200cc	5
FILUL	Filipendula ulmaria	Plug	200cc	5
IRIPS	Iris pseudacorus	Plug	200cc	5
JUNEF	Juncus effesus	Plug	200cc	5
LYCOEUR	Lycopus europoeus	Plug	200cc	5
LYTSA	Lythrum salicaria	Plug	200cc	5
MENAQ	Menntha aquatica	Plug	200cc	5
MYPAL	Myosotis palustris	Plug	200cc	5
SCTG	Scutellaria galericulata	Plug	200cc	5
SILER	Silene flos-cuculi	Plug	200cc	5
SPAEM	Sparganium erectum	Plug	200cc	5

All marginals to be planted in accordance with horticultural best practice guidelines. No marginals species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 5-9.

Amenity Grass - A22, Low maintenance grass mix supplied by Germinal Ltd (www.germinal.com) or similar approved.

Meadow grassland - EM3, Special General Purpose Meadow mixture supplied by Emorsgate Seeds (www.wildseed.co.uk) or similar approved.

Wetland grass mixture - EG8, Meadow grass mixture for wetlands supplied by Emorsgate Seeds (www.wildseed.co.uk) or similar approved.

Pond edge mixture - EP1, Pond edge mixture for wetlands supplied by Emorsgate Seeds (www.wildseed.co.uk) or similar approved.

Hedgerow mixture - EH1, Hedgerow mixture for supplied by Emorsgate Seeds (www.wildseed.co.uk) or similar approved.

KEY

Site Boundary

Existing trees and hedgerows to be retained - hedgerows to be gapped up where required with the Native Hedge Mix as detailed.

Existing trees and hedgerows to be removed.

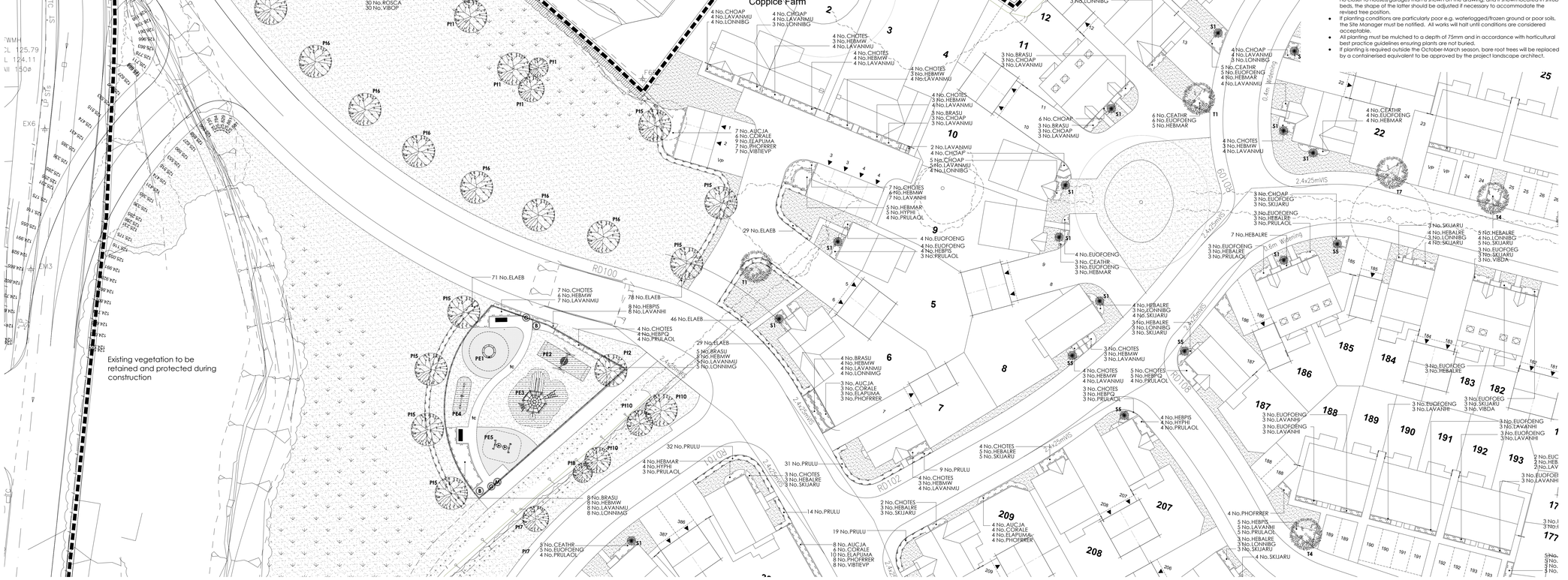
2m wide Breedon gravel pathway with timber edging.

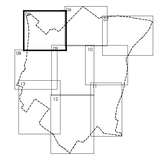
Mown pathway through open space areas.

Timber gate for pedestrian access through open space network

Timber field gate for access to pasture fields

Timber post and wire fence to enclose boundaries to the southern pasture fields.





Location Plan NTS

Landscape Institute Registered Practice

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Peashill Rd/Whiteley Rd
Ripley

Drawing title
Detailed Landscape Proposals
[Sheet 1 of 9]

Client
Bellway Homes East Midlands

Scale 1:250 @ A0
Checked AL
Date 17/04/2020
Number/Figure **GL1282 05**

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landscape architects