SEE DRAWINGS BY SMR ARCHITECTS FOR SURFACING AND BOUNDARY DETAILS

WOODHEAD ROAD

BANKWOOD WAY

RETAIL UNIT
24535 SF

NOTE: PLATFORM AND SERVICES FOR HOME BARGAINS UNIT IN LINE WITH BIRSTALL PLATEAU PERFORMANCE SPECIFICATION BY JKA

FFL +151.50

GARDEN CENTRE
5520 SF

EXTERNAL PLANT

PROPOSED FOODSTORE
FFL +150.88

PARADIGM HOUSE 1

153.630
152.344
151.490

53nr Euonymus fortunei 'Emerald n Gold'
50nr Lavandula angustifolia 'Hidcote'
61nr Pachysandra terminalis 'Variegata'
26nr Spiraea japonica 'Goldflame'
53nr Hebe albicans 'Red Edge'
73nr Prunus laurocerasus 'Otto Luyken'
81nr Hebe pinguifolia 'Pagei'
54nr Skimmia japonica 'Rubella'
49nr Lavandula angustifolia 'Hidcote'
67nr Pachysandra terminalis 'Variegata'
81nr Choisya ternata 'Sundance'
68nr Hebe albicans 'Red Edge'
48nr Spiraea japonica 'Goldflame'
30nr Viburnum davidii
64nr Santolina chamaecyparissus nana
75nr Cornus sanguinea 'Mid-Winter Fire'
78nr Skimmia japonica 'Rubella'
39nr Skimmia japonica 'Rubella'
73nr Choisya ternata 'Sundance'
32nr Ceanothus thyrsiflorus repens
14nr Geranium endressii 'Wargrave Pink'
22nr Spiraea japonica 'Goldflame'
25nr Euonymus fortunei 'Emerald n Gold'
35nr Hebe albicans 'Red Edge'
38nr Bergenia cordifolia 'Purpurea'
22nr Viburnum davidii
Native Hedge Mix (5/lin m double)
15nr Acer campestre
15nr Corylus avellana
15nr Crataegus monogyna
30nr Ilex aquifolium
45nr Ligustrum vulgare
15nr Rosa canina
30nr Sambucus nigra
39nr Euonymus fortunei 'Emerald Gaiety'
33nr Lavandula angustifolia 'Hidcote'
32nr Philadelphus 'Manteau d'Hermine'
27nr Ceanothus thyrsiflorus repens
30nr Choisya ternata 'Sundance'
41nr Skimmia japonica 'Rubella'
62nr Escallonia 'Apple Blossom'
30nr Hebe albicans 'Red Edge'
48nr Geranium endressii 'Wargrave Pink'
50nr Philadelphus 'Manteau d'Hermine'
57nr Cistus 'Silver Pink'
64nr Santolina chamaecyparissus nana
22nr Lavandula angustifolia 'Hidcote'
27nr Ceanothus thyrsiflorus repens
25nr Skimmia japonica 'Rubella'
39nr Viburnum davidii
35nr Euonymus fortunei 'Emerald Gaiety'
20nr Lavandula angustifolia 'Hidcote'
25nr Skimmia japonica 'Rubella'
Native Hedge Mix (5/lin m double)
46nr Acer campestre
46nr Corylus avellana
461nr Crataegus monogyna
92nr Ilex aquifolium
138nr Ligustrum vulgare
46nr Rosa canina
92nr Sambucus nigra

Rev H: Updated to site layout S3-P2 (SF) April 23
Rev G: Updated to include additional native hedge to car park boundary and adjustment of species list (SF) Nov 21
Rev F: Native hedge added behind the store (SF) Oct 21
Rev E: Additional tree planting (SF) Oct 21
Rev D: Entrance to Paradigm House updated and knee rail added (SF) Sept 21
RevC: Bollards and cycle hoops added in front of retail units (SF) Sept 21
Rev B: Updated to latest sitelayout (SF) July 21
Rev A: Amended in line with Proposed Site Plan Rev P3 (SEL) Mar 21

PLANTING NOTES

All trees to be planted and procured in accordance with BS 8545:2014. The providing nursery shall demonstrate Plant Healthy Certification and/or an adopted biosecurity policy.
Aftercare shall be in accordance with the approved Landscape Management Document.

PLANTING SCHEDULES

ORNAMENTAL PLANTING SCHEDULE

Herbaceous

Nr	Name	Ht in cm	Pot(L)	Density
84	Bergenia cordifolia 'Purpurea'		3L	5.00
62	Geranium endressii 'Wargrave Pink'		3L	5.00

Shrub

Nr	Name	Ht in cm	Pot(L)	Density
86	Ceanothus thyrsiflorus repens	30-40cm(D)	3L	5.00
184	Choisya ternata 'Sundance'	30-40cm	3L	5.00
57	Cistus 'Silver Pink'	30-40cm	3L	5.00
75	Cornus sanguinea 'Mid-Winter Fire'	40-60cm	3L	5.00
62	Escallonia 'Apple Blossom'	30-40cm	3L	5.00
74	Euonymus fortunei 'Emerald Gaiety'	20-30cm(D)	3L	5.00
78	Euonymus fortunei 'Emerald n Gold'	20-30cm(D)	3L	5.00
186	Hebe albicans 'Red Edge'	20-25cm	3L	5.00
81	Hebe pinguifolia 'Pagei'	20-30cm(D)	3L	5.00
174	Lavandula angustifolia 'Hidcote'	20-25cm	3L	5.00
128	Pachysandra terminalis 'Variegata'	10-15cm	3L	5.00
82	Philadelphus 'Manteau d'Hermine'	30-40cm	3L	5.00
73	Prunus laurocerasus 'Otto Luyken'	30-40cm	3L	5.00
128	Santolina chamaecyparissus nana	20-25cm	3L	5.00
260	Skimmia japonica 'Rubella'	30-40cm	3L	5.00
96	Spiraea japonica 'Goldflame'	30-40cm	3L	5.00
145	Viburnum davidii	20-25cm	3L	5.00

All shrub material shall be first quality, sturdy, well rooted non-refridgerated stock with well branched heads and fibrous root systems. Shrubs shall be planted into 450mm good quality fibrous topsoil incorporating organic compost and slow release fertiliser in accordance with all good horticultural practice.
A proprietary geotextile membrane is to be installed between the soil and mulch of the planted areas (with 200mm minimum overlap) cut with T or X slits to fit around the plants as required. Sufficient pegs to be used to ensure that membrane does not lift. All plant material shall be a minimum of 3L pot size unless otherwise specified and conform to BS3936 Part 1 and BS 4428.
Finished beds shall be dressed with 50mm depth of purple slate chippings.

TREE SCHEDULE

SPECIES		NUMBERS REQUIRED
	Ht in m	4.5 min
	Girth in cm	16-18
Acer campestre 'Elsrijk'		7
Betula utilis jaquemontii (Buj)		9
Carpinus betulus 'Frans Fontaine' (CbFF)		4
Pyrus calleryana 'Chanticleer' (PxC)		3
Sorbus aucuparia 'Sheerwater Seedling' (SaS)		5

All trees to have clear stems to 2.0m above ground level with well developed branching heads with a single, central leader and healthy, fibrous root systems.
Trees shall be planted into pits of an appropriate size to accommodate the root system without restriction, backfilled with a 3:1 topsoil:compost mix and shall be secured to a machine rounded stake using 1 no. tree tie with rubber spacer. Finished height of stake shall not exceed 1/3 height of staked tree above ground.
Extra heavy standard trees in hard landscape within tree grilles to be underground guyed and fitted with an irrigation system such as RootRain by GreenBlue Urban. Underneath hard surfacing a crate system such as StrataCell by GreenBlue Urban, is to be installed. The extent of the pit to be fitted with a tree pit crate system is shown by the blue dashed line. All pits are to be 1m deep.

NATIVE HEDGE

NATIVE HEDGE SCHEDULE

Nr	Name	Height/cm	Age	Root	Pot/L
61	Acer campestre	60-80cm	1u1	BR	
61	Corylus avellana	40-50cm	1/0	BR	
612	Crataegus monogyna	40-50cm	1u1	BR	
122	Ilex aquifolium	50-60cm		C	2L
183	Ligustrum vulgare	50-60cm	0/1	RB	
61	Rosa canina	50-60cm	1/1	BR	
122	Sambucus nigra	60-80cm	1/1	BR	

Hedge to be planted in a previously prepared trench, 500mm wide and 450mm deep backfilled with a 3:1 mix of multipurpose topsoil to BS3882:2007 and planting compost. Bareroot transplants to be dipped in a suitable mychorrizal dip before planting. Plants to be planted in a double staggered row, 300-350mm wide, at 5nr. plants per linear metre with species planted randomly throughout in groups of 7 to 30 of a single species.
The hedge lines shall be mulched after planting with forest mulch to a uniform depth of 50mm.

TURFING

The topsoiled area to be turfed, is to be grade and cross-graded to even running falls, to allow the finished levels of the turf to be 40mm above the adjoining paved areas.
The surface should be lightly and uniformly firmed by rolling or treading and reduced to a fine tilth up to 25mm in depth. All rubbish, stones greater than 50mm in diameter etc, shall be removed from the surface.
Apply an even application of approved fertiliser at a rate of 70g/m² and rake in. No turves shall be laid in exceptionally frosty weather or in other unsuitable weather conditions.
The turves shall be laid in a stretcher bond pattern, closely butted and firmed into position, to the correct levels. The turves should be laid off planks, working over turves previously laid. A dressing of fine, sifted topsoil (complying with BS 3882) should be applied to the laid turf and brushed well into the joints.
Turves shall be watered regularly to prevent them drying out before they establish.

KEY

- Existing trees, hedges and vegetation to be retained
- Existing trees, hedges and vegetation to be removed
- Proposed Extra heavy standard (16-18cm girth) tree
- Proposed Beech hedging
- Proposed native hedge
- Proposed ornamental shrub planting
- Proposed amenity grass seed
- Proposed species rich grass seed
- Proposed wildflower grass seed
- Proposed wildflower grass seed for wet soils
- Proposed 2000mm high close boarded timber fencing (detailed by others)
- Proposed 2000mm high acoustic fence (detailed by others)
- Proposed 450mm high knee high fence (detailed by others)
- Proposed 2000mm high paladin fence (detailed by others)
- Proposed retaining wall to engineers details (detailed by others)
- Proposed 1100mm high brick wall with railing (detailed by others)
- Proposed bird boxes (from left to right) Swift box Sparrow box
- Proposed wildlife habitat boxes (from left to right) Schwegeler 2FE bat boxes or equivalent Insect refuge Underground bee shelter

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project: Proposed Store
BANKWOOD WAY, BIRSTALL

drawing title: LANDSCAPE DETAILS

scale	date	drawn by	drawing no
1:200 @A0	Mar 21	SEL	R/2459/1H