



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 and plant passport scheme. Aftercare shall be in accordance with the approved Landscape Management Document.

GROUND PREPARATION

- Where required all existing topsoil and subsoil shall be stripped and stored separately on site. Heaps must not exceed 3m in height and should be used within 12 months in accordance with BS 4425 (Code of practice for general landscape operations).
- Existing topsoil and inert sub soils, shall be analysed in accordance with BS 3882 to determine available nutrients, texture, organic matter content and pH. Where required, existing soils are to be improved in accordance with BS 3882:2015. Subsoils shall conform to BS 8601:2013
- In all instances, where soil is to be retained and relatively undisturbed for the purposes of planting new vegetation on site, then it must be alleviated to avoid compaction, must be tested for pH for specific species suitability, and may require the addition of biochar + compost + organic fertiliser + native soil.
- Imported topsoil and site won soils shall be to British Standards BS 3882 - Multipurpose Grade 3. Spread to 300mm depth over areas to be planted with trees and shrubs. Remaining minimum rooting depth to be provided by a good quality subsoil to BS 8601:2013, free of building material debris to achieve the following overall rooting depths:
 - Grass - 450mm
 - Shrubs - 600mm
 - Trees - 900mm

SPECIES RICH TURFING

The topsoiled area to be turfed, is to be graded and cross-graded to even running falls, to allow the finished level of the turf to be 40mm above 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 diameter etc, shall be removed from the surface. No turves shall be laid in exceptionally dry or 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 finely sifted topsoil (complying with BS 3882) should be applied to the laid turf and brushed well into the joints. Water the turves to prevent drying out before establishment.

KEY

- Existing tree to be retained. Refer to arboricultural survey for further information
- Existing hedge to be removed
- Proposed Extra heavy standard (16-18cm girth) tree
- Proposed ornamental shrub planting
- Proposed Biodiverse species rich turf supplied by Row lawn or similar approved
- Proposed native hedge
- Proposed mixed native species shrub planting
- Proposed reinforced concrete retaining wall with 1100 guarding to top (detailed by others)
- 2000mm high paladin fence & gate (detailed by others)
- 3000mm high acoustic timber fence & Gate (detailed by others)
- Footpath specification tarmacadam
- Light vehicular specification tarmacadam surface
- HGV vehicular specification tarmacadam surface
- Proposed block paving to pedestrian area - dark grey/stretcher bond (detailed by others)
- Loading bay and plant area base formed in concrete with stippled finish
- Proposed Bat boxes (Envisage code 0612 or equivalent), exact location to be confirmed by ecologist
- Proposed bird boxes suitable for different species (eg. Envisage 0107 for house martin, 0902 for sparrow and 0904 for starling or equivalent), exact location to be confirmed by ecologist

PLANTING SCHEDULES

TREE SCHEDULE		NUMBERS REQUIRED	
SPECIES	Ht in m		4,5 min
	Girth in cm		
Acer campestre 'Streetwise' (AcS)	-	-	4
Carpinus betulus 'Fastigiata' (CbF)	-	-	2
Pyrus calleryana 'Redspire' (PcR)	-	-	3

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 to be container grown or rootballed according to season of planting. 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.

ORNAMENTAL SHRUB SCHEDULE

ORNAMENTAL PLANTING SCHEDULE				
Herbaceous				
Nr	Name	Ht in cm	Pot(L)	Density
141	Carex morrowii 'Evergold'	2L	3L	10.00
116	Festuca glauca 'Elijah Blue'	2L	3L	10.00
31	Geranium endressii 'Wargrave Pink'	3L	3L	5.00
Shrub				
Nr	Name	Ht in cm	Pot(L)	Density
149	Berberis thunbergii 'Atropurpurea Nana'	20-25cm	3L	5.00
130	Brachyglottis 'Sunshine'	30-40cm	3L	5.00
113	Choisy ternata 'Sundance'	30-40cm	3L	5.00
121	Cistus corbariensis	30-40cm	3L	5.00
102	Cornus alba 'Sibirica'	40-60cm	3L	5.00
69	Euonymus fortunei 'Emerald Gaiety'	20-30cm(D)	3L	5.00
131	Hebe 'Autumn Glory'	20-25cm	3L	5.00
75	Hebe 'Green Globe'	30-40cm	3L	5.00
72	Hebe 'Youngii'	30-40cm	3L	5.00
173	Hypericum calycinum	15-20cm	2L	5.00
187	Lavandula angustifolia 'Hidcote'	20-25cm	3L	5.00
105	Mahonia aquifolium 'Apollo'	30-40cm	3L	5.00
132	Pachysandra terminalis	20-30cm(D)	3L	5.00
93	Potentilla 'Abbotswood'	20-30cm(D)	3L	5.00
136	Potentilla fruticosa 'Tangerine'	30-40cm	3L	5.00
102	Prunus laurocerasus 'Otto Luyken'	30-40cm	3L	5.00
106	Sarcococca humilis	20-30cm	3L	5.00
185	Skimmia japonica 'Rubella'	30-40cm	3L	5.00
188	Weigela florida 'Folios Purpureis'	30-40cm	3L	5.00

All shrub material shall be first quality, sturdy, well rooted non-refrigerated stock with well branched heads and fibrous root systems. Shrubs shall be planted into 450mm good quality fibrous topsoil (To BS BS3882:2015) incorporating organic compost and slow release fertiliser in accordance with all good horticultural practice. A proprietary geotextile membrane (colour: Black) is to be installed between the soil and mulch of the planted areas cut with T or X slits to fit around the plants as required. 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 blue slate mulch.

NATIVE SPECIES SHRUB SCHEDULE

NATIVE SHRUB MIX SCHEDULE						
Nr	Name	Height/cm	Age	Root	Pot/L	
105	Cornus sanguinea	50-60cm	1/1	BR		
212	Crataegus monogyna	60-80cm	1/1	BR		
70	Hedera helix	50-60cm		C	2L	
70	Ilex aquifolium	50-60cm		C	2L	
70	Rosa arvensis	50-60cm	1/1	BR		
70	Sambucus nigra	50-60cm	1/0	BR		
105	Viburnum opulus	50-60cm	1/1	BR		

Native species shall be planted into 450mm depth, good quality clean topsoil incorporating organic compost and slow release fertiliser, over un-compacted sub-grade. Plants shall be planted in groups of 3-11 of a single species with the taller growing species to the back of the areas of the areas and the lower growing species to the edges of the areas. A proprietary geotextile membrane is to be installed between the soil and bark 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 blue slate mulch (nominal size 40mm).

NATIVE HEDGE SCHEDULE

Native species shrub mix to be planted at 5/m in double staggered rows. To be pit planted into pits large enough to accommodate the root systems without constriction. Pits to be backfilled with a 3:1 topsoil:compost mix.

NATIVE HEDGE SCHEDULE					
Nr	Name	Height/cm	Age	Root	Pot/L
118	Crataegus monogyna	60-80cm	1/1	BR	
20	Ilex aquifolium	30-40cm		C	2L
39	Prunus spinosa	50-60cm	1/1	BR	
10	Rosa canina	40-50cm	1/1	BR	
10	Viburnum opulus	50-60cm	1/1	BR	

REV A - Minor southern footpath adjustment (MBN) May 26

	client	Lidl GB Ltd/Wilson Bowden		
	project	Proposed Retail Development		
		WALLIS AVEUE, KINGSWAY, ROCHDALE		
	drawing title	LANDSCAPE DETAILS		
Suite 4 10-12 The Grove Ilkley West Yorkshire LS29 9EG telephone 07846612793 email info@fdalandscape.co.uk www.fdalandscape.co.uk	scale	date	drwn by	drawing no
	1:250/A1	Apr 26	MBN	R/2976/1A