



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. 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

IMPLEMENTATION AND MONITORING

Any failures to planting or establishment of seeded areas during the 12 month rectification period shall be addressed by the landscape contractor. Subsequent failures shall be addressed by Lidl GB Ltd.

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.

NATIVE SCRUB AND GROUND COVER

NATIVE SCRUB MIX SCHEDULE						
Nr	Name	Height/cm	Age	Root	Pot/L	
10	Acer campestre	80-100cm	1/1	BR		
13	Betula pendula	60-80cm	1/1	BR		
20	Cornus sanguinea	60-80cm		BR		
10	Ilex aquifolium	60-80cm		C	3L	
7	Prunus padus	80-100cm	1/1	BR		
27	Prunus spinosa	60-80cm	1/1	BR		
20	Rosa canina	60-80cm		BR		
13	Salix cinerea	60-80cm		BR		
13	Viburnum opulus	60-80cm	0/1	BR		

GROUND COVER MIX SCHEDULE				
Nr	Name	Height/cm	Root	Pot/L
128	Cornus canadensis		C	2L
77	Hedera helix	50-60cm	C	2L
153	Lonicera periclymenum	60-80cm	C	2L
153	Vinca major	10-15cm	C	2L

Native species shall be planted into 450mm depth, good quality clean topsoil incorporating organic compost and slow release fertiliser, over un-compacted sub-grade. Prior to planting all bare-root plant stock shall be dipped into a suitable mycorrhizal plant dip in accordance with the manufacturers recommendations. Plants shall be planted in groups of 3-5 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. Planted areas to be mulched after planting with coarse grade forest mulch to a uniform depth of 50mm.

KEY

- Existing tree to be retained
- Existing tree to be removed
- Proposed Extra heavy standard (16-18cm girth) tree
- Proposed native species hedgerow

- Proposed ornamental shrub planting
- Proposed mixed native species shrub planting
- Proposed mixed native species shrub planting
- Proposed flowering lawn grass mix - Emorsgate's EL1 (maintained at 10cm)
- Proposed wildflower meadow (Emorsgate's EM2)

- Proposed 2 bituminous layer vehicular asphalt surfacing in accordance with the Lidl specification (detailed by others)
- Proposed 3 bituminous layer asphalt to HGV route in accordance with the Lidl specification (detailed by others)
- Proposed stone mastic asphalt to pedestrian areas with blister paving to crossing points in accordance with the Lidl specification (detailed by others)
- Proposed pencil edged paving setts laid stretcher bond to trolley bay, pedestrian routes and store entrance with concrete kerbs (detailed by others)
- Proposed loading bay & plant area base formed in concrete with brushed finish (detailed by others)
- Proposed paladin fence (detailed by others)
- Proposed retaining wall to engineer's details

PLANTING SCHEDULES

ORNAMENTAL SHRUBS

ORNAMENTAL PLANTING SCHEDULE				
Herbaceous				
Nr	Name	Ht in cm	Pot(L)	Density
54	Bergenia cordifolia 'Purpurea'		3L	5.00
204	Carex morrowii 'Evergold'		2L	10.00
Shrub				
Nr	Name	Ht in cm	Pot(L)	Density
31	Hebe albicans 'Red Edge'	20-25cm	3L	5.00
97	Hebe pinguifolia 'Pagei'	20-30cm(D)	3L	5.00
123	Hebe 'White Gem'	30-40cm	3L	5.00
290	Lavandula angustifolia 'Hidcote'	20-25cm	3L	5.00
176	Lonicera nitida 'Lemon Beauty'	30-40cm		5.00
28	Lonicera nitida 'Lemon Beauty'	30-40cm	3L	5.00
163	Pachysandra terminalis 'Variegata'	10-15cm	3L	5.00
164	Skimmia japonica 'Rubella'	30-40cm	3L	5.00
116	Spiraea japonica 'Goldflame'	30-40cm	3L	5.00
226	Viburnum davidii	20-25cm	3L	5.00
35	Weigela florida 'Folius 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.

TREE SCHEDULE

SPECIES		NUMBERS REQUIRED	
SPECIES	Ht in m	4.5 min	
	Girth in cm	16-18	
Acer campestre (AC)		3	
Betula utilis jaquemontii (Buj)		4	
Carpinus betulus (Cb)		2	
Carpinus betulus 'Fastigiata' (CbF)		2	
Prunus padus (Pp)		6	
Pyrus calleryana 'Redspire' (PcR)		3	
Sorbus aucuparia (Sau)		4	

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. All trees to be rootballed or container grown unless otherwise specified. 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. bio degradable tree tie. Finished height of stake shall not exceed 1/3 height of staked tree above ground.

NATIVE HEDGE

NATIVE HEDGE SCHEDULE					
Nr	Name	Height/cm	Age	Root	Pol/L
393	Crataegus monogyna	60-80cm	1/1	BR	
26	Ilex aquifolium	30-40cm		C	2L
52	Prunus spinosa	50-60cm	1/1	BR	
26	Rosa canina	40-50cm	1/1	BR	
26	Viburnum opulus	50-60cm	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 BS3882:2015 and planting compost. Bare-root transplants to be dipped in a suitable mycorrhizal dip before planting. Plants to be planted in a double staggered row, 300-350mm wide, at 5m 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.

GRASS SEEDING

SPECIES RICH GRASS MIX

100mm depth of subsoil to be spread to area. Soil to be cultivated using a disc harrow or rotovator, to 50mm depth then further cultivated and rolled to produce a firm seed bed. Species rich flowering lawn mix, Emorsgate's EL1 mix or Emorsgate's EM2 Meadow Mix to be planted where specified on the Landscape Masterplan @ 4gm/m². Seed mix to be mixed with a sand to act as bulking agent and evenly broadcast over the area and rolled in. Deviation from the specified mix shall be submitted to the Local Planning Authority and approved in writing.

Rev.D: Additional trees for BNG removed (MBN)
Rev.C: Minor changes to improve BNG (SF)
Rev.B: Updated to site layout change S717-0109 P03 (SF)
Rev.A: Updated to site layout change P15 (SF)

May 2025
April 2025
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July 24

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project

Retail Development

WESTERN AVENUE, HILLINGDON

drawing title

LANDSCAPE DETAILS

scale	date	drwn by	drawing no
1:250 @A1	May 24	SF	R/2755/1D