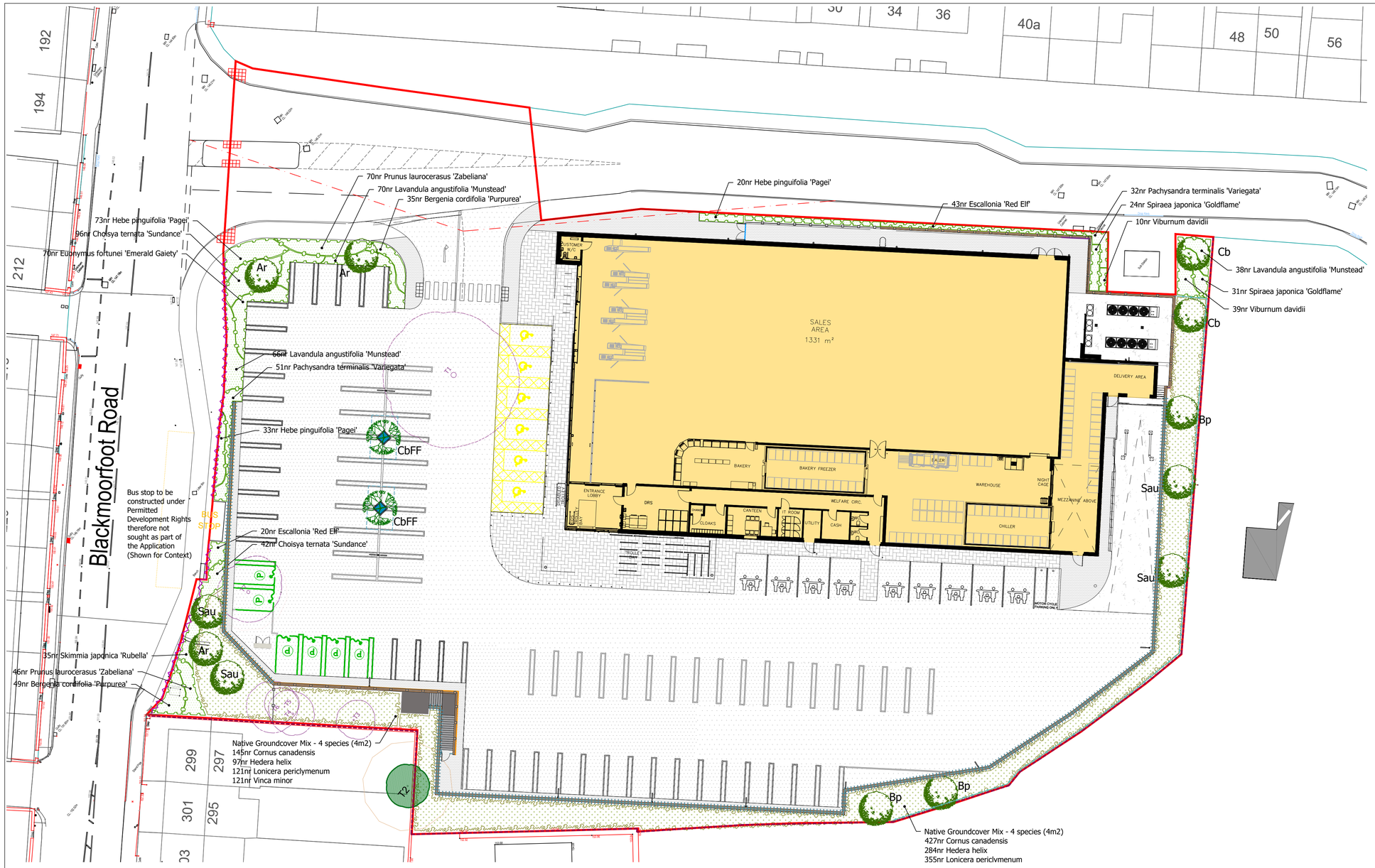


PLANTING NOTES

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 topsoi 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 provide 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

PLANTING SCHEDULES

ORNAMENTAL SHRUBS

ORNAMENTAL PLANTING SCHEDULE				
Herbaceous				
Nr	Name	Ht in cm	Pot(L)	Density
84	Bergenia cordifolia 'Purpurea'		3L	5.00
Shrub				
Nr	Name	Ht in cm	Pot(L)	Density
138	Choisya ternata 'Sundance'	30-40cm	3L	5.00
63	Escallonia 'Red Elf'	30-40cm	3L	5.00
70	Euonymus fortunei 'Emerald Gaiety'	20-30cm(D)	3L	5.00
126	Hebe pinguifolia 'Pagei'	20-30cm(D)	3L	5.00
174	Lavandula angustifolia 'Munstead'	30-40cm	3L	5.00
83	Pachysandra terminalis 'Variegata'	10-15cm	3L	5.00
116	Prunus laurocerasus 'Zabeliana'	30-40cm(D)	3L	5.00
35	Skimmia japonica 'Rubella'	30-40cm	3L	5.00
55	Spiraea japonica 'Goldflame'	30-40cm	3L	5.00
49	Viburnum davidii	20-25cm	3L	5.00

NATIVE SPECIES GROUNDCOVER SCHEDULE

GROUNDCOVER MIX SCHEDULE				
Nr	Name	Height/cm	Root	Pot/L
572	Cornus canadensis	20-30cm(D)	C	2L
381	Hedera helix	50-60cm	C	2L
476	Lonicera periclymenum	50-60cm	C	3L
476	Vinca minor	10-20cm	C	2L

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 (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		RQD SOIL VOLUME m3
	Ht in m	4.5 min	4.5 min	
	Girth in cm	16-18	20-25	
Acer rubrum (Ar)		3	-	18
Betula pendula (Bp)		3	-	11
Carpinus betulus (Cb)		2	-	18
Carpinus betulus 'Frans Fontaine' (CbFF)		-	2	18
Sorbus aucuparia (Sau)		4	-	7.5

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. biodegradable tree tie and spacer.
Finished height of stake shall not exceed 1/3 height of staked tree above ground.
All pits are to be 1m deep and provide the soil volumes listed above.
Semi mature 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 a minimum of 1m deep.

KEY

- Existing tree to be retained
- Existing tree to be removed
- Proposed Extra heavy standard (16-18cm girth) tree
- Proposed semi mature (20-25cm girth) tree in engineered tree pit in hard surface - dashed line shows extent of tree pit
- Proposed ornamental shrub planting
- Proposed mixed native species shrub planting
- Existing boundary to remain
- Proposed stone retaining wall (detailed by others)
- Proposed 1100mm high metal fence/guarding on top of wall (detailed by others)
- Proposed 2400mm high timber acoustic fence (detailed by others)
- Proposed 1800mm high timber hit and miss timber fence (detailed by others)
- Proposed 600mm high timber knee rail on site boundaries (detailed by others)
- Proposed polymer modified bitumen (PMB) HGV routes& heavily trafficked areas in accordance with the Lidl specification (detailed by others)
- Proposed stone mastic asphalt (SMA) with 10mm chip to car park, in accordance with the Lidl specification (detailed by others)
- Proposed stone mastic asphalt (SMA) with 10mm chip to pedestrian areas with blister paving to crossing points in accordance with the Lidl specification (detailed by others)
- Proposed pencil edged paving setts laid herringbone 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 stripped finish (detailed by others)

Rev.K: Red line boundary adjusted (CS)	June 26
Rev.J: Updated to Drawing P1400A (SF)	June 26
Rev.H: Bus stop location and notes amended (CS)	Mar 26
Rev.G: Updated to Drawing P1401E (SF)	Feb 26
Rev.F: Updated to Drawing P413J (SF)	May 24
Rev.E: Updated to Drawing P413H (SF)	April 24
Rev.D: Updated to Drawing P413 F (CS)	April 24
Rev.C: Updated to site layout P413D (SF)	December 23
Rev.B: Updated to replanned layout and new spec store (SF)	October 23
Rev.A: Updated to include steps and path access to Plant area (SF)	March 23

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client: Lidl GB Ltd

project: Retail Development
CROSLAND MOOR
HUDDERSFIELD

drawing title: LANDSCAPE DETAILS

scale	date	drwn by	drawing no
1:250 @A1	Mar 23	SF/MBN	R/2682/1K