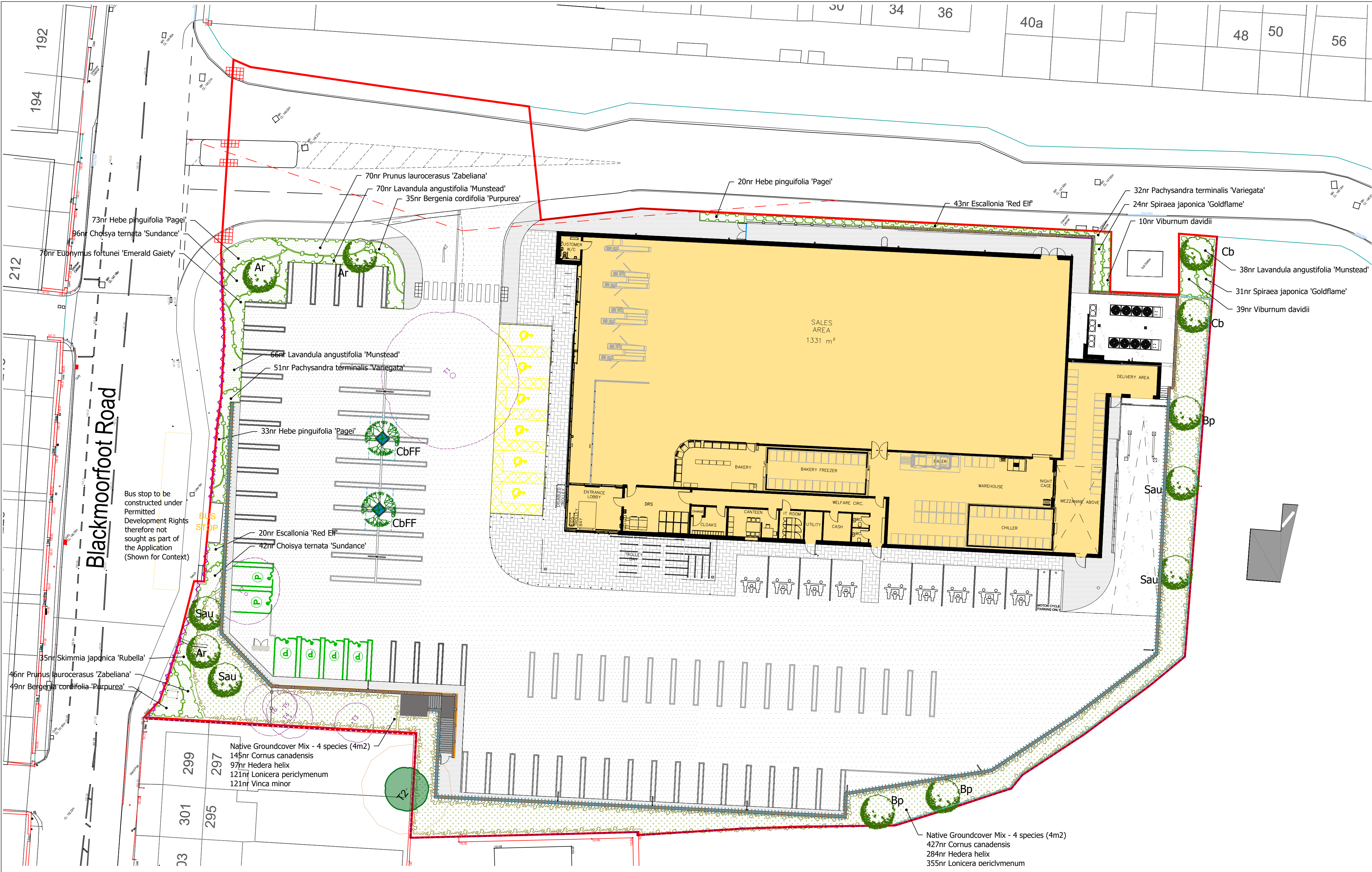




KEY

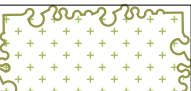
- 

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)
- 

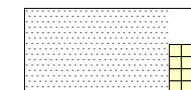
Proposed 1100mm high metal fence/guarding on top of wall (detailed by others)
- 

Proposed 2400mm high timber acoustic fence (detailed by others)
- 

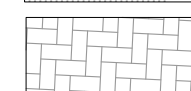
Proposed 1800mm high timber hit and miss timber fence (detailed by others)
- 

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)
- 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 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-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 | Ht in m | NUMBERS REQUIRED | | RQD SOIL VOLUME m3 |
|--|-------------|------------------|---------|--------------------|
| | | 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 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.
- Rev.K: Red line boundary adjusted (CS)
Rev.J: Updated to Drawing P1400A (SF)
Rev.H: Bus stop location and notes amended (CS)
Rev.G: Updated to Drawing P1401E (SF)
Rev.F: Updated to Drawing P413J (SF)
Rev.E: Updated to Drawing P413H (SF)
Rev.D: Updated to Drawing P413 F (CS)
Rev.C: Updated to site layout P413D (SF)
Rev.B: Updated to replanned layout and new spec store (SF)
Rev.A: Updated to include steps and path access to Plant area (SF)
- June 26
June 26
Mar 26
Feb 26
May 24
April 24
December 23
October 23
March 23
- 

Westleigh Hall
Wakefield Road
Denby Dale
Huddersfield HD8 8QJ
telephone 01484 861611
fax 01484 861616
isdn 01484 866900
email info@fdalandscape.co.uk
www.fdalandscape.co.uk

client
Lidl GB Ltd

project
Retail Development

**CROSLAND MOOR
HUDDERSFIELD**

drawing title
LANDSCAPE DETAILS

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