## PROTECTION OF EXISTING VEGETATION

Trees to 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.




## KEY

- Existing tree to be retained
- Existing tree to be removed
- Proposed Extra heavy standard (16-18cm girth) tree
- Proposed ornamental shrub planting
- Proposed turf
- Proposed bulb planting
- Proposed retaining wall (detailed by others)
- Proposed stretcherbond anthracite block paving in accordance with the Lidl specification (detailed by others)
- Proposed concrete surfacing in accordance with the Lidl specification (detailed by others)
- Proposed tarmac HGV/ROAD Grade surfacing in accordance with the Lidl specification (detailed by others)
- Proposed tarmac Pedestrian Grade surfacing in accordance with the Lidl specification (detailed by others)
- Proposed tactile surfacing in accordance with the Lidl specification (detailed by others)
- Tree pits - minimum volume of tree soil to be provided for each tree as denoted in the tree schedule. A crate system is to be used under any areas of hard surfacing
- ReRoot 600 Root Barrier by GreenBlu Urban
- Proposed acoustic fence

# PLANTING SCHEDULES

## SHRUB SCHEDULES

| ORNAMENTAL PLANTING SCHEDULE | | | | |
|---|---|---|---|---|
| Herbaceous | | | | |
| Nr | Name | Ht in cm | Pot(L) | Density |
| 183 | Bergenia cordifolia 'Purpurea' | | 3L | 5.00 |
| 220 | Carex morrowii 'Evergold' | | 2L | 10.00 |
| 63 | Festuca glauca 'Elijah Blue' | | 2L | 10.00 |
| Shrub | | | | |
| Nr | Name | Ht in cm | Pot(L) | Density |
| 106 | Berberis thunbergii 'Atropurpurea Nana' | 20-25cm | 3L | 5.00 |
| 176 | Ceanothus thyrsiflorus repens | 30-40cm(D) | 3L | 5.00 |
| 74 | Cornus sanguinea 'Mid-Winter Fire' | 40-60cm | 3L | 5.00 |
| 445 | Euonymus fortunei 'Emerald Gaiety' | 20-30cm(D) | 3L | 5.00 |
| 361 | Hebe albicans 'Red Edge' | 20-25cm | 3L | 5.00 |
| 359 | Hebe pinguifolia 'Pagei' | 20-30cm(D) | 3L | 5.00 |
| 364 | Lavandula angustifolia 'Munstead' | 30-40cm | 3L | 5.00 |
| 61 | Lonicera nitida 'Baggesen's Gold' | 30-40cm | 3L | 5.00 |
| 302 | Lonicera nitida 'Maigreen' | 30-40cm | 3L | 5.00 |
| 387 | Skimmia japonica 'Rubella' | 30-40cm | 3L | 5.00 |
| 154 | Spiraea japonica 'Goldflame' | 30-40cm | 3L | 5.00 |
| 283 | 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 (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 a coarse amenity grade forest bark mulch (nominal particle size 5-75mm), to approved sample.

## TREE SCHEDULE

| SPECIES | | NUMBERS REQUIRED | |
|---|---|---|---|
| | Ht in m | 4.5+ | SOIL |
| | Girth in cm | 16-18 | VOL |
| Acer platanoides 'Crimson King' (ApCK) | | 5 | 15 |
| Betula utilis jacquemontii (Buj) | | 10 | |
| Carpinus betulus 'Frans Fontaine' (CbFF) | | 8 | |
| Platanus hispanica (Ph) | | 6 | |
| Prunus avium 'Plena' (PaP) | | 3 | |
| Sorbus aucuparia 'Sheerwater Seedling'(SaS) | | 9 | |
| Sorbus aria 'Majestica' (SaM) | | 5 | |
| Tilia cordata (Tc) | | 2 | |

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 and guards to be underground guyed. Any trees in or partially within hard surfacing to be planted within tree pits containing the volumes of tree soil denoted in the schedule above.
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.

## TURFED AREAS

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 tiilth 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.

## BULB PLANTING

| | Name | Grade (cm) | Planting density |
|---|---|---|---|
| 12400 | Narcissus pseudonarcissus lobularis | 10-11 | 40/m² |

Bulbs to be scattered within the drifts indicated on the masterplan and planted where they fall to create a random and naturalised planting effect. Bulbs to be planted at the rate shown into ground which has been forked over to loosen it prior to planting. Bulbs shall be planted at the required depths for the particular species.

| | |
|---|---|
| Rev.E: Updated to revised site layout DR-A-3002-A4-C6(MBN) | July 2024 |
| Rev.D: Updated to revised site layout DR-A-2003-S4-C1(SF) | June 2024 |
| Rev.C: Additional tree planting to entrance roads to store (SF) | May 2021 |
| Rev.B: Retention of T42 and T38 subject to levels (SF) | Feb 2021 |
| Rev.A: Removal of additional existing trees and replacement planting (SF) | Oct 2020 |


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client: Lidl Great Britain Ltd

project: Proposed Store Extension
TRINITY STREET, HUDDERSFIELD

drawing title: LANDSCAPE DETAILS

| scale | date | drwn by | drawing no |
|---|---|---|---|
| 1:250 @A1 | Aug 20 | SF | R/2377/1E |