



Legend

- Site boundary
- Engineer proposed levels
- SOFT LANDSCAPING**
- Trees**
 - Cupressus arizonica* 'Fastigiata' cg, 25-30cmg, 1.8m clear stem
 - Native trees**
 - (01) *Ps - Pinus sylvestris* cg, 20-25cmg, 1.5m clear stem
 - (02) *Pa - Prunus avium*, cg 20-25cmg, 1.8m clear stem
 - (03) *Bp - Betula pendula*, cg 20-25cmg, 1.8m clear stem
 - (04) *Ia - Ilex aquifolium*, cg 100L, fhd
 - Pp - Prunus padus*, cg 25-30cmg
 - Open unpruned crown
 - Plaza small trees**
 - Ap - Acer palmatum* 'Osakasaki', cg 30L
 - Native Screening mix**
 - (05) *Crataegus monogyna*, 1+1, 60-90cm, 1m², 15%
 - Corylus avellana*, 1+1, 60-90cm, 1m², 10%
 - Euonymus europaeus*, 1+1, 60-90cm, 1m², 5%
 - Ilex aquifolium*, CG 2L, 40-60cm, 1m², 20%
 - Prunus spinosa*, 1+0, 60-90cm, 1m², 5%
 - Rosa canina*, 1+1, 40-60cm, 1m², 5%
 - Salix caprea*, 0+1, 60-120cm, 1m², 5%
 - Sambucus nigra*, 1+1, 60-90cm, 1m², 5%
 - Viburnum opulus*, 1+1, 60-90cm, 1m², 5%
 - Cornus sanguinea*, 0+1, 40-60cm, 1m², 5%
 - (07) *Lonicera periclymenum*, CG 2L, 1m², 5%
 - (08) *Ligustrum vulgare*, 1+0, 60-90cm, 1m², 20%
- Native Hedgerow**
 - Crataegus monogyna*, 1+1, 60-90cm, 4lin.m, 45%
 - Ilex aquifolium*, CG 2L, 40-60cm, 4lin.m, 35%
 - Prunus spinosa*, 1+0, 60-90cm, 4lin.m, 20%
- Hedgerow**
 - Pittosporum tenuifolium* 'Irene Paterson', cg 20L, 3/lin.m (19 lin.m)
- Climber**
 - Hedera helix*, cg 2L, 1/lin.m (31 lin.m)
- Scrub**
 - Pm - Pinus mugo* 'Dwarf Mountain Pine', cg 30L (09)
- Low maintenance groundcover mix**
 - Erica cinerea* 'Pallida', cg 2L, 4m², 15%
 - Lavandula angustifolia*, cg 2L, 3m², 15%
 - Hebe* 'Celebration', cg 2L, 4m², 15%
 - Cotoneaster dammeri* 'Eichholz', cg 2L, 3m², 15%
 - Juniperus repanda* 'Green Carpet', cg 2L, 4m², 15%
 - Geranium 'Rozanne'*, cg 2L, 4m², 15%
 - Hypericum 'Hidcote'*, 2L, 2m², 10%
- Plaza groundcover mix**
 - 20% *Pennisetum alopecuroides* 'Hameln' cg 2L, 4 plants/m²
 - 20% *Alchemilla erythropoda* cg 2L, 6 plants/m²
 - 20% 20% *Heuchera* 'Green Spice' cg 2L, 3 plants/m²
 - 20% *Euonymus fortunei* 'Emerald gaiety' cg 2L, 4 plants/m²
 - 20% *Libertia grandiflora* cg 2L, 2.5 plants/m²
- Grass seeding**
 - Premium Ryegrass Fescue**
 - Esquire (Dwarf perennial rye grass) 20%; Turfgold (Dwarf perennial rye grass) 25%; Platinum (Dwarf perennial rye grass) 25%; Trophy (Chewings Fescue) 10%; Maxima (Strong Creeping Red Fescue) 20%; Sowing Rate: 35g/m²

- Rain garden mix (climate change measures)** 126m²
 - (19) *Butomus umbellatus*, Flowering Rush, cg 2L, 3/m², 15%
 - (20) *Iris pseudacorus*, Yellow Flag Iris, cg 2L, 3/m², 10%
 - Deschampsia cespitosa*, Tufted hair grass, cg 2L, 3/m², 15%
 - (21) *Carex divulsa*, Grey Sedge, cg 2L, 3/m², 10%
 - Molinia caerulea*, Purple moor grass, cg 2L, 3/m², 15%
 - Lysimachia vulgaris*, Yellow Loosestrife, cg 2L, 3/m², 10%
 - Lythrum salicaria*, Purple Loosestrife, cg 2L, 4/m², 10%
 - Primula veris*, Cowslip, cg 2L, 4/m², 15%
- Riparian mix (climate change measures)** 629m²
 - (12) *Molinia caerulea*, Purple moor grass, cg 2L, 3/m², 20%
 - (13) *Leucanthemum vulgare*, Oxeye Daisy, cg 2L, 3/m², 15%
 - (14) *Lysimachia vulgaris*, Yellow Loosestrife, cg 2L, 3/m², 17%
 - (15) *Lythrum salicaria*, Purple loosestrife, cg 2L, 3/m², 15%
 - (16) *Primula veris*, Cowslip, cg 2L, 3/m², 17%
 - (18) *Deschampsia cespitosa*, Tufted hair grass, cg 2L, 3/m², 16%
- Traditional Irish Native Wildflower Mix** (11) 100m² Sown at 2gm/m²
 - Birdsfoot Trefoil, Bush Vetch, Corn Marigold, Corn Poppy, Corncockle, Cowslip, Meadow Buttercup, Field Scabious, Kidney Vetch, Lady's Bedstraw, Lesser Knapweed, Marjoram, Eyebright, Mullein, Ox-eye Daisy, Hawksbit, Red Bartsia, Red Campion, Red Clover, St Johnswort, Wild Carrot, Yarrow, Yellow Rattle, Species in small quantities: White Campion, Feverfew, Cornflower, Scentsless Mayweed, Birdsfoot Trefoil, Purple Loosestrife, White Bedstraw, Ragged Robin, Selfheal, Yellow Agrimony by Connecting to Nature or equivalent
- Stockholm tree pit root area** (3000x2000m²) 10no.

Planting Notes

New topsoil is required in all planting areas. 450mm depth for hedge planting areas, 150mm for grass lawn areas and 2m² per tree pit.
 If planting outside the dormant or rootball season (November - April approx) container grown trees must be used
 1. TIMING AND PHASING: ALL PLANTING WILL TAKE PLACE AFTER BUILDING WORKS HAVE COMMENCED IN A SINGLE PHASE AT THE FIRST AVAILABLE TIME OF PLANTING. IF PLANTING IS TAKING PLACE OUTSIDE OF THE DORMANT SEASON CONTAINER GROWN PLANTS ARE TO BE USED OF THE SAME SIZE SPECIFIED THE TENDERER MUST ALLOW FOR CONTAINERISED PLANTING SHOULD THE WORKS PROGRAMME REQUIRE PLANTING OUTSIDE OF THE DORMANT SEASON.
 2. SETTING OUT AND LEVELS MUST BE VERIFIED ON SITE PRIOR TO CONSTRUCTION.
 3. USE OF DRAWING FOR SETTING OUT ASSUMES CORRECT PRINTING AND SCALING BY USER.
 4. SAMPLES OF ALL MATERIALS ARE TO BE PROVIDED FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 5. CLARIFICATION ON DETAILS TO BE SOUGHT, WHERE REQUIRED.

Wildflower maintenance

The following are the recommended requirements for the maintenance of wildflower areas:
 • The wildflowers shall be cut back in Autumn when many of the wildflowers have passed their best as they reach the end of the flowering period. It's time to cut them back when the petals have lost their colour and the seed heads begin to dry out. They shall be cut back to a height of approximately 4-10cm to give new and existing plants better access to light.
 • The cuttings shall be removed to ensure the new and existing plants are not smothered out.
 • Removing the wildflower cuttings will also ensure that soil fertility is kept low (wildflowers grow best in less fertile soil). If the cuttings were left to rot into the ground, the soil fertility would increase and encourage weeds and grasses to grow.
 • If there is grass growing amongst the wildflowers, in early spring (no later than early April) the meadow shall be cut back to approx. 7-10cm in height to allow establishing wildflower plants better access to light. The cuttings shall be removed so as to not smother out these establishing plants.

Pollinator Plan

The Landscape planting design proposed comprises of both native and pollinator-friendly non-native planting with the view to improve connectivity within the surrounding environments and encourage rich bio-diversity contributing to the wider population of flora and fauna within the area and in line with the All Ireland Pollinator Plan.

Images

E	02/03/23	HB	Site layout update
D	20/02/23	HB	Site layout update
C	15/11/22	CM	Notes upgrade
B	11/11/22	CM	Landscape upgrade
A	04/11/22	CM	Landscape Design
Rev	Date	By	Details

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Client: **Lidl GmbH**

Project title: **Lidl Newcastle**

Drawing title: **Soft Landscape Plan**

Drawn by: **CM** Scale: **1:250 on A1**

Approved by: **TA** Date: **May 2022**

Status: **Planning**

Drawing no: **077622_LP_03** Revision: **E**

NOTE: Timing of Planting / Phasing: All planting will take place after building works in a single phase at the first available time of planting. Whips and transplants must be planted in the dormant season only i.e. from October to March; root-balled trees from October to April, container grown and air-pruned trees all year round.