



NOTE: SUD's design proposal has been developed in collaboration with the project engineers Structural Design Solutions.

Legend

SOFT LANDSCAPING

Trees

- Cupressus arizonica* 'Fastigiata' cg, 25-30cmg Cylinder head, 1.8m clear stem 10no.
- Native trees**
 - Pa** - *Pinus sylvestris* cg, 20-25cmg, 1.5m clear stem 1no.
 - Pa** - *Prunus avium*, cg 20-25cmg, 1.8m clear stem 1no.
 - Bp** - *Betula pendula*, cg 20-25cmg, 1.8m clear stem 4no.
 - la** - *Ilex aquifolium*, cg 100L, rhd 2no.
 - Pp** - *Prunus padus*, cg 25-30cmg 7no.
- Plaza small trees**
 - Ap** - *Acer palmatum* 'Osakasuki', cg 30L 2no.
- Native Screening mix** 302m²
 - Crataegus monogyna*, 1+1, 60-90cm, 1m², 30% 91no.
 - Corylus avellana*, 1+1, 60-90cm, 1m², 10% 30no.
 - Euonymus europaeus*, 1+1, 60-90cm, 1m², 5% 15no.
 - Ilex aquifolium*, CG 2L, 40-60cm, 1m², 10% 30no.
 - Prunus spinosa*, 1+0, 60-90cm, 1m², 5% 15no.
 - Rosa canina*, 1+1, 40-60cm, 1m², 5% 15no.
 - Salix caprea*, 0+1, 40-60cm, 1m², 5% 15no.
 - Sambucus nigra*, 1+1, 60-90cm, 1m², 5% 15no.
 - Viburnum opulus*, 1+1, 60-90cm, 1m², 5% 15no.
 - Cornus sanguinea*, 0+1, 40-60cm, 1m², 5% 15no.
 - Lonicera periclymenum*, CG 2L, 1m², 10% 30no.
 - Rosa rugosa*, 1+1, 40-60cm, 1m², 5% 15no.
 - Rosa rubiginosa*, 1+1, 40-60cm, 1m², 5% 15no.

Native Hedgerow 31lin.m

- Crataegus monogyna*, 1+1, 60-90cm, 4lin.m, 45% 56no.
- Ilex aquifolium*, CG 2L, 40-60cm, 4lin.m, 35% 32no.
- Prunus spinosa*, 1+0, 60-90cm, 4lin.m, 20% 24no.

Hedgerow

- Pittosporum tenuifolium* 'Irene Paterson', cg 20L, 3/lin.m (19 lin.m) 54no.

Climber

- Hedera helix*, cg 2L, 3/lin.m (31 lin.m) 31no.

Scrub

- Pm** - *Pinus mugo* 'Dwarf Mountain Pine', cg 30L 5no.

Low maintenance groundcover mix 98m²

- Erica cinerea* 'Pallida', cg 2L, 4m², 15% 59no.
- Lavandula angustifolia*, cg 2L, 3m², 15% 44no.
- Hebe 'Celebration'*, cg 2L, 4m², 15% 59no.
- Cotoneaster dammeri* 'Eichholz', cg 2L, 3m², 15% 44no.
- Juniperus repanda* 'Green Carpet', cg 2L, 4m², 15% 59no.
- Geranium 'Rozanne'*, cg 2L, 4m², 15% 59no.
- Hypericum 'Hidcote'*, 2L, 2m², 10% 10no.

Plaza groundcover mix 47m²

- Pennisetum alopecuroides* 'Hameln', cg 2L, 4 plants/m², 20% 38no.
- Alchemilla erythropoda* cg 2L, 6 plants/m², 20% 56no.
- Heuchera 'Green Spice'* cg 2L, 3 plants/m², 20% 28no.
- Euonymus fortunei* 'Emerald gaiety' cg 2L, 4 plants/m², 20% 38no.
- Libertia grandiflora* cg 2L, 2.5 plants/m², 20% 24no.

Grass seeding 82m²

- 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) 170m²

- Butomus umbellatus*, Flowering Rush, cg 2L, 3/m², 15% 77no.
- Iris pseudacorus*, Yellow Flag Iris, cg 2L, 3/m², 10% 51no.
- Deschampsia cespitosa*, Tufted hair grass, cg 2L, 3/m², 15% 77no.
- Carex divisa*, Grey Sedge, cg 2L, 3/m², 10% 51no.
- Molinia caerulea*, Purple moor grass, cg 2L, 3/m², 15% 77no.
- Lysimachia vulgaris*, Yellow Loosestrife, cg 2L, 3/m², 10% 51no.
- Lythrum salicaria*, Purple Loosestrife, cg 2L, 4/m², 10% 68no.
- Primula veris*, Cowslip, cg 2L, 4/m², 15% 102no.

Riparian mix (climate change measures) 179m²

- Molinia caerulea*, Purple moor grass, cg 2L, 3/m², 20% 107no.
- Leucanthemum vulgare*, Oxeye Daisy, cg 2L, 3/m², 15% 81no.
- Lysimachia vulgaris*, Yellow Loosestrife, cg 2L, 3/m², 17% 89no.
- Lythrum salicaria*, Purple loosestrife, cg 2L, 3/m², 15% 81no.
- Primula veris*, Cowslip, cg 2L, 3/m², 17% 81no.
- Deschampsia cespitosa*, Tufted hair grass, cg 2L, 3/m², 16% 86no.

Traditional Irish Native Wildflower Mix 106m²

Sown at 2g/m²

Species List: 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, Hawkbit, Red Bartsia, Red Campion, Red Clover, St Johnswort, Wild Carrot, Yarrow, Yellow Rattle, Species in small quantities: White Campion, Feverfew, Cornflower, Scentless Mayweed, Birdsfoot Trefoil, Purple Loosestrife, White Bedstraw, Ragged Robin, Selfheal, Yellow Agrimony by Connecting to Nature or equivalent

Stockholm tree pit root area (3000x2000m²) 11no.

HARD LANDSCAPING

- Lidl standard concrete block paving (silver colour) 574m²
- Lidl standard footpath concrete paving 161m²
- Resin bound permeable paving (grey colour) 73m²
- Kilsaran Trinity block paving, silver colour (crossing road area) 328m² (119m²)
- Pre cast concrete kerb (100mm) 209 lin.m
- Metal kerb 8mm raised 150mm 51lin.m
- Hartecast stainless steel bollard (900mm high). Socket mounted as per manufacturer's instruction 17no.
- Hartecast HC 1200 tree grille to paved areas 2no.
- Trees in paving to receive underground guying 11no.
- Blister tactile paving 91no.
- Bio-engineering retaining structure: gabion wall 116 lin.m
- Wood bench 3no
- Ornamental rocks
- 1FF Schwegler Bat Boxes 3no.
- Bird Boxes
 - BB1= 1SP Schwegler Sparrow Terrace 3no.
 - BB2= 1B Schwegler Nest Box 3no.
 - BB3= 2H Schwegler Robin Box 3no.
 - BB4= 2M Schwegler Nest Box 3no.
 - BB5= 2GR Schwegler Nest Box (also includes a bat box) 3no.

Proposed retaining wall boundary with 1.2m railing fence on top (engineer specification) 115lin.m

Proposed 2m high boundary wall, brick finish to inside with render finish to Lidl side (engineer specification) 14.4lin.m

Ramp system walls (engineer specification) 139lin.m

Planning standards

Landscape Design completed with reference to the following guidance and standards:

- Guidance of the Centre for Excellence in Universal Design with regard to universal access requirements.
- Building Regulations, part M.
- Urban Design Manual - A Best Practice Guide, Department of Environment Health and Local Government publication
- Retail Design Manual, Department of Arts Heritage and the Gaeltacht publication
- Buildings for everyone-A Universal Design Approach, National Disability Authority publication
- Planning for Watercourses in urban Environments, Guideline developed by Shannon regional Fisheries Board
- All Ireland Pollinator Plan
- Advise notes issued from the Irish Landscape Institute

A - *Cupressus arizonica* 'Fastigiata' cylinder head; **B** - Trinity paving silver colour; **C** - Metal kerb; **D** - Bench;



Rev	Date	By	Details
T	15/11/22	CM	Notes upgrade
H	11/11/22	CM	Birch, bats, gabions upgrade
G	27/10/22	CM	RFI landscape upgrade
F	14/07/22	CM	Ramp paving upgrade
E	14/07/22	CM	Shrub location and red line
D	08/07/22	CM	Boundaries upgrade
C	06/07/22	CM	Boundaries, entrance upgrade
B	16/06/22	CM	Paths, boundaries, entrance
A	24/05/22	CM	Landscape Design

Client: Lidl GmbH

Project title: Lidl Newcastle

Drawing title: Landscape Plan

Drawn by: CM Scale: 1:250 on A1

Approved by: TA Date: May 2022

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