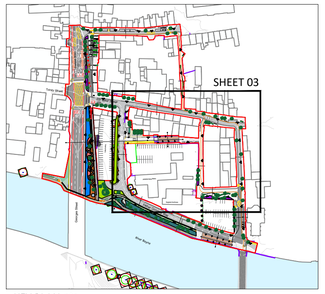

KEY PLAN nts

LANDSCAPE SPECIFICATIONS Generally: Landscape works to be undertaken in accordance with BS 4428:1989 Code of practice for general landscape operations (excluding hard surfaces).

Remove weeds by an agreed method and any use of chemicaPa shall be an in accordance with the current Sustainable Use of Pesticides Directive guidelines and Plant Protection Product List. Pesticides shall be used only where specified or approved, and then only suitable products as permitted under legislation or Government regulations.

All fertilisers are to be applied by qualified staff to avoid the action of plasmolysis. Top soil to be tested and approved by a Top Soil Analyst and any required amelioration or soil improvements to be carried out in line with Analyst's report, if necessary, according to BS 4428: 1989 'Code of Practice for General Landscape Operations'. All top soil to conform to BS3882:2015 - Specification for Topsoil.

All Plants shall be of the size stated, shall conform to BS 3936 - Part 1: Nursery stock specification for trees and shrubs.

All tree works shall conform with BS 8545:2014 Trees: from nursery to independence in the landscape - Recommendations.

Planting objectives: To assist in visual screening of the proposed development site from surrounding road network and dwellings through retention of existing trees, new woodland belts and augmentation of existing hedgerows with additional native species planting. Planting species based on Pollinator Friendly Planting Code" in the All-Ireland Pollinator Plan 2015-2020".

Existing Trees and boundary hedgerows are to be retained and protected in accordance with BS 5837:2012 Trees in relation to design, demolition and construction: Recommendations. Adequate protective fencing, as illustrated in Figs 2 & 3 of BS5837:2012, will be maintained between scaffolding and adjacent trees.

Ground Preparation
Prior to cultivation, planted areas shall be cleared of all loose debris, rubbish, stones over 25mm in diameter, roots, and other extraneous matter. Grass and weeds shall be sprayed with 'Glyphosate' or similar COSHH approved herbicide. Planted areas to be cultivated to a depth of 500mm by hand or rotovator, incorporating planting compost, soil improver and fertilizer base dressing of the types. The topsoil shall have been reduced to a fine tilth on completion of the cultivation works Topsoil Depths: spread over prepared subsoil in layers to a minimum depth of 250 mm, each layer firmed before spreading the next. Overall minimum depths after firming and settlement to be:

Shrubs Planting - 500mm
Grass areas - 250mm

Maintenance
Initial landscape operations will be undertaken by an ALCI member. The Contractor will be responsible for plant establishment and one year of establishment maintenance. Any trees or shrubs dying, damaged or removed will be replaced in the following planting session with plant of similar size and species.

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Unless otherwise stated all dimensions are in millimeters. Where dimensions are not given, drawings must not be scaled and the matter must be referred to the Landscape Architect. If the drawing includes conflicting details/dimensions the matter must be referred to the Landscape Architect. All dimensions must be checked on site. The Landscape Architect must be informed, by the Contractor, of any discrepancies before work proceeds.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT CONSULTANT'S DRAWINGS.

LEGEND
SOFTSCAPE

Existing trees to be retained

Trees

Tags	Species	Girth	Height	Spec	Number
Pa	Prunus avium 'Flore plena'	12-14cm	3-3.5m	2m Clear stem 3xtr (RB)	16
Sa	Sorbus aucuparia	12-14cm	3-3.5m	2m Clear stem 3xtr (RB)	9
Pc	Pyrus calleryana 'Chanticleer'	12-14cm	3-3.5m	2m Clear stem 3xtr (RB)	31
Uc	Ulmus 'Columella'	12-14cm	3-3.5m	2m Clear stem 3xtr (RB)	41
Cb	Carpinus betulus 'Frans Fontaine'	12-14cm	3-3.5m	2m Clear stem 3xtr (RB)	16
Ah	Aesculus hippocastanum	20-25cm	4.0-6.5m	2m Clear stem 3xtr (RB)	1

Grass

601sqm

Top Quality Lawn Turf - 'Emerald Elite'
mix: Amenity Perennial Ryegrass 50%+ Chewings Fescue 30% + Creeping Red Fescue 15% + Browntop Bentgrass 5%
Cutting height: Between 20-50mm Supplied by Emerald Lawns or equal approved.

Shrub Planting - Mix 1

257 Sqm

Species	Stock	Height	Spec	Density	% Mix	Number
Hakonechloa macra 'Forest grass'	P9	20-30cm	Bushy	5/m2	10	129
Potentilla fruticosa 'Goldfinger"	C5	20-30cm	Bushy	4/m2	10	103
Skimmia japonica	C5	20-30cm	Bushy	4/m2	10	103
Lonicera pileata	C3	20-30cm	Bushy	5/m2	10	129
Viburnum tinus	C3	40-50cm	Bushy	3/m2	10	77
Spirea 'goldflame'	C3	30-40cm	Bushy	5/m2	5	64
Euonymus fortunei 'Emerald 'n' Gold'	C3	Full Pot	Bushy	5/m2	5	64
Choisya ternata Sundance	C3	30-40cm	Bushy	5/m2	5	64
Verbena bonariensis	C3	Full Pot	Bushy	5/m2	10	129
Scabiosa 'Butterfly Blue'	C3	Full Pot	Bushy	5/m2	5	64
Miscanthus sinensis	C3	Full Pot	Bushy	5/m2	10	129
Stipa tenuissima	C3	Full Pot	Bushy	5/m2	10	129
					Total	1184

* The above mix is inclusive of a number of species from the All Ireland Pollinator plan.

Shrub Planting - Mix 2

81 Sqm

Species	Stock	Height	Spec	Density	% Mix	Number
Calendula officinalis	P9	20-30cm	Bushy	7/m2	30	170
Juniperus horizontalis	C2	20-30cm	Bushy	4/m2	40	130
Aquilegia flabellata Ministar	P9	20-30cm	Bushy	7/m2	30	170

Buffer Planting

557m2

Species	Stock	Spec	Density	% Mix	Number
Betula pubescens	100cm	H.T. clad feathered with central leader	1/m2	5	28
Pinus sylvestris	60cm	H.T. Bushed	1/m2	5	28
Viburnum opulus	60cm	H.T. Bushed	1/m2	15	84
Cornus alba	60cm	H.T. Bushed	2/m2	15	167
Euonymus europaeus	90cm	H.T. Bushed	2/m2	5	56
Ilex aquifolium	80cm	H.T. Bushed	1/m2	10	56
Lonicera pileata	C2	Full pot + Bushy	2/m2	5	56
Cytisus scoparius	C2	Full pot + Bushy	3/m2	15	251
Hebe rakaiensis	C2	Full pot + Bushy	4/m2	15	334
Viburnum tinus	C2	Full pot + Bushy	3/m2	10	167
				Total	1225

Bio-Retention planting - Stepping Circular Concrete Elements

14 Sqm

Species	Stock	Height	% Mix	Density	Number
Iris pseudoacorus	C2	30-40cm	10	4/m2	7
Geranium 'Gerwat'	C2	30-40cm	10	4/m2	6
Miscanthus sinensis 'Kleine Fontäne'	C2	30-40cm	15	4/m2	8
Miscanthus sinensis 'Yakushima Dwarf'	C2	30-40cm	15	4/m2	11
Lythrum salicaria	C2	30-40cm	10	4/m2	4
Hemerocallis 'Luxury Lace'	C2	30-40cm	10	4/m2	7
Hemerocallis 'Burning Daylight'	C2	30-40cm	10	4/m2	7
Primula japonica 'Miller's Crimson'	C2	30-40cm	10	4/m2	7
Rosa rugosa 'Roseraie de l'Hay'	C2	30-40cm	10	4/m2	7

Shrub Planting - Street planters & Street Planting

20 Sqm

Species	Stock	Height	Spec	Density	% Mix	Number
Pachysandra	C3	20-30cm	Bushy	5/m2	70	70
Miscanthus sinensis	C3	Full Pot	Bushy	5/m2	30	30

Ground Cover

395 Sqm

Species	Stock	Height	Spec	Density	Number
Hedera helix	P9	na	Full pot	5/m2	1,975

24 Lin/m

Green-tech Hedera Helix Woerner Living Ivy Green Screens (Or equal in all regards). Stainless steel trellis 60mm RHS x 1000mm height 4000mm wide. 150mm x 150mm Galvanised grid 5mm thick.

Meadow Planting

90m2

Traditional Irish Wildflower Meadow Mixture
Product Code: WF01 by DESIGN BY NATURE, Seed House, Monavea, Carlow, R93 T289 or equal in all regards. **Description:** This mixture contains different kinds of wildflowers that are typical of many meadows in Ireland **Seed Sowing Rates:** Normal sowing rates:
Pure wildflowers - no grass, 1.5 grams per metre.
Added grass seed: 1.5 grams per metre (depending on grass species).

Species List
Birdsfoot Trefoil, Black Meddick, Cat's Ear, Purple Loosestrife, Ragged Robin, Red Clover, Corn Marigold, Corn Poppy, Corncockle, Cornflower, Cowslip, Devil's-bit Scabious, Kidney Vetch, Lady's Bedstraw, Lesser Knapweed, Meadow Buttercup, Meadowsweet, Ox-Eye Daisy, Ribwort Plantain, Rough Hawksbit, Selfheal, Smooth Hawksbit, Sorrel, Common Vetch, Wild Angelica, Wild Carrot, Yarrow, Yellow Agrimony, Fleabane and Yellow Rattle

Proposed Lighting fixtures. Refer to M&E drawings.

0 2.5 5 7.5 10 15 20m

Description	XX / XX	DD/MM/YY	00
Revision Notes	**By / Chk**	**Date**	**Rev**

Status: PLANNING

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Client: Louth County Council

Project: Westgate 2040, Drogheda

Title: Landscape Plan
Sheet 3 of 5

Job No: LOUX | **Scale@**A1 1:250 | **Date:** October 2023

Drawing Number

LOUX3001-P-000-502-A

Revision 00