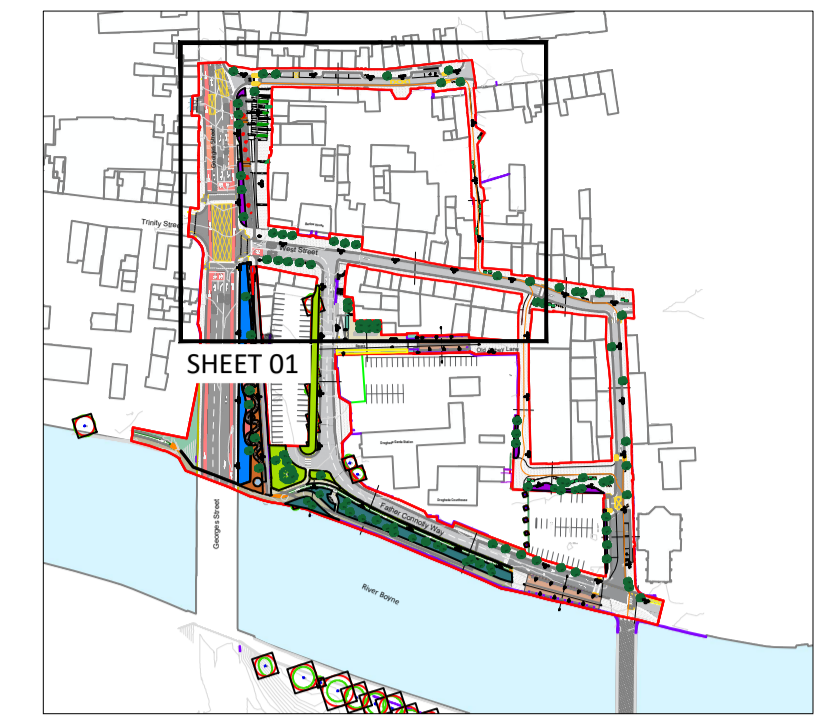


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 Unless otherwise stated all dimensions are in millimeters. Where dimensions are not given, drawings must not be scaled and the matter must be referred to the Landscape Architect. If the drawing includes conflicting details/dimensions the matter must 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 CONSULTANTS' DRAWINGS.



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 chemicalPa shall be 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 phytotoxicity. 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 firm 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.

LEGEND SOFTSCAPE

Existing trees to be retained

Tag	Species	Girth	Height	Spec	Number
PA	Prunus avium 'Flora plena'	12-14cm	3-3.5m	2m Clear stem 3xtr (RB)	16
SB	Boronia aucuparia	12-14cm	3-3.5m	2m Clear stem 3xtr (RB)	9
PC	Pyrus calleryana 'Charlottee'	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
AT	Aesculus hippocastanum	20-25cm	4.0-6.5m	2m Clear stem 3xtr (RB)	1

Grass
 Top Quality Lawn Turf - 'Emerald Elite'
 max. Antennyl 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	5m2	10	129
Potentilla fruticosa 'Goedinger'	C5	20-30cm	Bushy	4m2	10	103
Skimmia japonica	C5	20-30cm	Bushy	4m2	10	103
Lonicera pileata	C3	20-30cm	Bushy	5m2	10	129
Viburnum tinus	C3	40-50cm	Bushy	3m2	10	77
Spiraea 'goldflame'	C3	30-40cm	Bushy	5m2	5	64
Euonymus fortunei 'Emerald 'n' Gold'	C3	Full Pot	Bushy	5m2	5	64
Choisya ternata Sundance	C3	30-40cm	Bushy	5m2	5	64
Verberna bonariensis	C3	Full Pot	Bushy	5m2	10	129
Scabiosa 'Butterfly Blue'	C3	Full Pot	Bushy	5m2	5	64
Miscanthus sinensis	C3	Full Pot	Bushy	5m2	10	129
Stipa tenuissima	C3	Full Pot	Bushy	5m2	10	129

Shrub Planting - Mix 2 81 Sqm

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

Buffer Planting 557m2

Species	Stock	Spec	Density	% Mix	Number
Betula pubescens	100cm	Full pot	1m2	5	28
Pinus sylvestris	60cm	Full pot	1m2	5	28
Viburnum opulus	60cm	Full pot	1m2	5	28
Cornus alba	60cm	Full pot	2m2	15	167
Euonymus europaeus	90cm	Full pot	2m2	5	56
Ilex aquifolium	80cm	Full pot	1m2	10	56
Lonicera pileata	C2	Full pot	2m2	5	56
Cytisus scoparius	C2	Full pot	3m2	15	251
Hebe rakainisia	C2	Full pot	4m2	15	334
Viburnum tinus	C2	Full pot	3m2	10	167

Bio-Retention planting - Stepping Circular Concrete Elements 14 Sqm

Species	Stock	Height	% Mix	Density	Number
Lilium pseudodacorum	C2	30-40cm	10	4m2	7
Geranium 'Gerwat'	C2	30-40cm	10	4m2	6
Miscanthus sinensis 'Kleine Fontaine'	C2	30-40cm	15	4m2	8
Miscanthus sinensis 'Yakushima Dwarf'	C2	30-40cm	15	4m2	11
Lilium salicaria	C2	30-40cm	10	4m2	4
Hemerocallis 'Luxury Lace'	C2	30-40cm	10	4m2	7
Hemerocallis 'Burning Daylight'	C2	30-40cm	10	4m2	7
Primula japonica 'Miller's Crimson'	C2	30-40cm	10	4m2	7
Rosa rugosa 'Roseate de H'ly'	C2	30-40cm	10	4m2	7

Shrub Planting - Street planters & Street Planting 20 Sqm

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

Ground Cover 395 Sqm

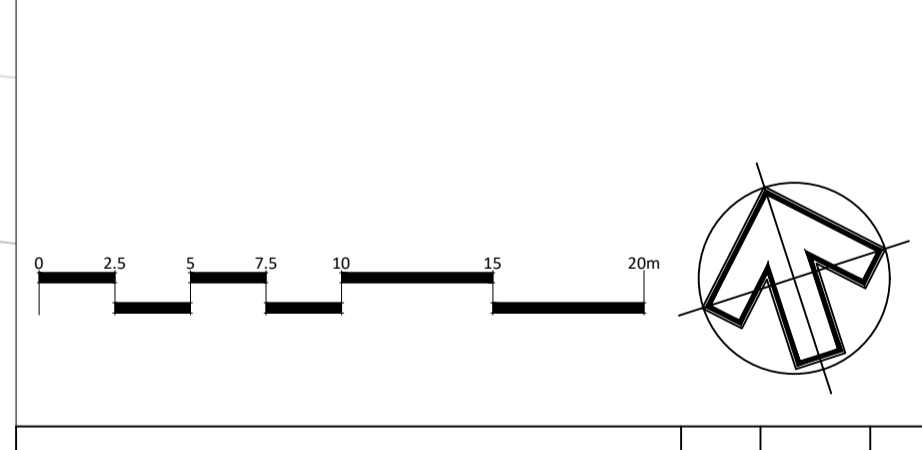
Species	Stock	Height	Spec	Density	Number
Hedera helix	P9	na	Full pot	5m2	1,975

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, Monawea, Carrow, 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 Rate: Normal sowing rates.
 Pure wildflowers - no grass. 1.5 grams per metre.
 Adult grass seed: 1.5 grams per metre (depending on grass species).

SPECIES LIST
 Birdfoot Trefoil, Black Medick, 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 Knipweed, Meadow Buttercup, Meadowsweet, Ox-eye Daisy, Ribwort Plantain, Rough Hawkbit, Selfheal, Smooth Hawkbit, Sorrel, Common Vetch, Wild Angelica, Wild Carrot, Yarrow, Yellow Agrimony, Fleabane and Yellow Rattle.

Proposed Lighting fixtures. Refer to M&E drawings.



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

Status: PLANNING

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Client: Louth County Council
Project: Westgate 2040, Drogheda

Title: Landscape Plan
 Sheet 1 of 5
Job No: LOUX **Scale@A1:** 1:250 **Date:** October 2023
Drawing Number: LOUX3001-P-000-500-A **Revision:** 00