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LEGEND
SOFT LANDSCAPE

TREE SPECIES					
TAG	SPECIES	SPEC	GIRTH	HEIGHT	
Bu	Betula utilis Jacquemontii	3XTR, 2m clear stem	10-15cm	5m	
Pa	Prunus avium	3XTR, 2m clear stem	10-15cm	5m	
Py	Prunus cerasifera 'Chantrelle'	3XTR, 2m clear stem	10-15cm	5m	
Sa	Sorbus aucuparia	3XTR, 2m clear stem	10-15cm	5m	
Tg	Tilia cordata	3XTR, 2m clear stem	10-15cm	5m	
Ps	Prunus sylvatica	3XTR, 2m clear stem	10-14	3-4.5m	
Cb	Carpinus betulus 'Frans Fontaine'	3XTR, Fastigate	10-14	3-4.5m	
Ac	Acer campestre 'Elegant'	3XTR, 2m clear stem	10-14	3-4.5m	
Bp	Betula pendula 'Pubescens'	3XTR, Feathered	10-14	3-4.5m	
Ag	Amenzcher grandiflora	3XTR, Multi-stem	10-14	3-4.5m	
Saf	Sorbus aucuparia 'Fastigata'	3XTR, 2m clear stem	10-15cm	5m	

NATIVE PLANTING				
SPECIES	SPEC	DENSITY	STOCK	%
Coma alba sibirica	BR 1+2	1m/2		10
Coma sericea 'Flaviminea'	BR 1+2	1m/2		10
Salix caprea	BR 1+2	1m/2		10
Calluna heufleriana	BR 1+2	1m/2		20
Euonymus europaeus	BR 1+2	1m/2		10
Prunus spinosa	BR 1+2	1m/2		10
Ilex aquifolium	BR 1+2	1m/2		10
Viburnum opulus	BR 1+2	1m/2		10

HEDGE PLANTING - 1.5m HT				
SPECIES	DENSITY / m ²	STOCK	HEIGHT [m]	
Carpinus betulus	5	RB	1.5	
Prunus lusitanica	5	C	60/90cm	
Ilex crenata 'Holly'	5	C	60/90cm	

MIX 01 - LOW SHRUBS - PARTIAL SHADE				
SPECIES	DENSITY m ²	STOCK	HEIGHT [m]	%
SHRUBS				
Skimmia japonica 'Pink Dwarf'	4	C2	25-35	20
Hebe 'Green Globe'	5	C2	20-30	10
Pachysandra terminalis	11	PB	10-15	10
Leucothoe keiskei 'Burning Love'	6	C2	20-30	10
Euonymus fortunei 'Emerald Gaiety'	6	C2	25-30	20
Pieris japonica 'Little Heath'	5	C2	25-30	20
Hebe 'Caledonia'	5	C2	25-30	10
BULBS				
Narcissus 'Thalia'	group of 9	bulbs	-	50
Narcissus 'Lemon Drop'	group of 9	bulbs	-	50

Note: Shrubs to be planted in groups of 3-5 of the same species

MIX 02 - MEDIUM/LOW PLANTS - SUNNY				
SPECIES	DENSITY m ²	STOCK	HEIGHT [m]	
SHRUBS				
Potentilla fruticosa 'Marian Red Robin'	5	C2	30-40	
Euonymus fortunei 'Emerald'n'Gold'	6	C2	25-30	
Spiraea japonica 'Goldflame'	5	C2	30-40	
Nandina domestica 'Obsessed'	6	C2	25-30	
PERENNIALS				
Salvia nemorosa 'Caradonna'	7	C2	full pot	
ORNAMENTAL GRASSES				
Stenactis autumnalis	5	C2	full pot	
BULBS				
Narcissus 'Thalia'	group of 9	bulbs	-	
Narcissus 'Lemon Drop'	group of 9	bulbs	-	

Note: Shrubs to be planted in groups of 3-5 of the same species

Marginal Planting Mix - To attenuation Pond				
SPECIES	DENSITY m ²	STOCK	HEIGHT [m]	
SHRUBS				
Carex acutiformis	5	PB	60-100	
Iris pseudacorus	5	PB	60-90	
Juncus effusus	5	PB	50-100	
Caltha palustris	7	PB	30-60	
Lythrum salicaria	7	PB	60-12	
Filipendula ulmaria	7	PB	90-150	
Buccina pratensis	7	PB	30-50	
Scirpus lacustris	7	PB	100-200	

Mix planting in clusters (e.g. groups of 3-7 plants per species) to mimic naturalistic colonisation and aid biodiversity.

NATIVE PLANTING TO BANKS				
SPECIES	SPEC	DENSITY	%	
Coma alba sibirica	BR 1+2	1m/2	30	
Coma sericea 'Flaviminea'	BR 1+2	1m/2	30	
Ilex aquifolium	BR 1+2	1m/2	20	
Euonymus europaeus	BR 1+2	1m/2	20	

- Lawn seed**
- Proposed Grass Areas: Grass areas seed with: 80% (Penselva Ryegrass) + 35% (Slender Creeping Red Fescue) + 5% (Browntop Bent) + Sowing rate: 35g/m² (350g/aha) Cutting height: Between 20-50mm
 - Private Gardens: Grass areas seed with: Cocksfoot* Dactylus glomerata, Rough stalk meadow grass, Poa trivialis, Yorkshire fog Holcus lanatus, Crested dog's tail Cynosurus cristatus, Sheep's fescue Festuca ovina (uplands), Sweet vernal grass Anthoxanthum odoratum, Meadow foxtail Alopecurus pratensis, Smooth stalk meadow grass Poa pratensis, Creeping bent Agrostis stolonifera, Common bent Agrostis capillaris, Red fescue Festuca rubra
- Existing trees to be retained in accordance with BS 5837.**
- Note: For Existing Trees, sections of Woodland & Hedgerows to be felled to facilitate development refer to Tree Impacts drawing L1004.

HARD LANDSCAPE

- PAVING**
- Asphalt Carriageway with Concrete Kerb To Engineer's specification
 - Asphalt/Brushed Concrete Footpath To Engineer's specification
 - Car Parking Permeable PC Concrete paving To Engineer's specification
 - PC Concrete paving setts to property garden paths
 - Bound surfacing to public open space footpaths

FURNITURE AND EQUIPMENT

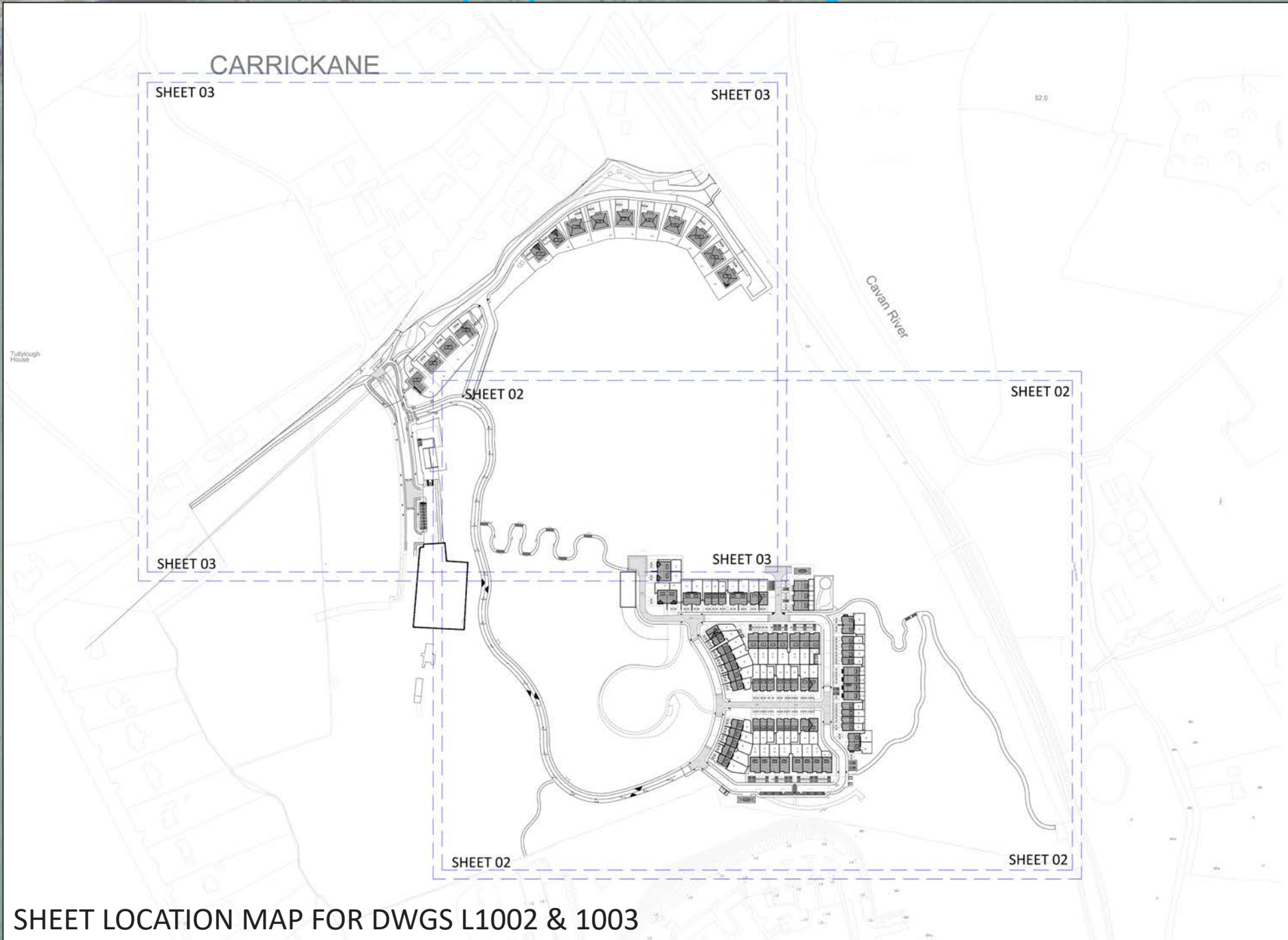
- Picnic tables
- Benches
- Play Equipment. Refer to Dwg L1006
- Natural Play elements (Boulders, Play logs, stepping logs)
- Street Lights. Refer to Architect & M&E consultant.
- Traffic Signage. Refer to Engineers Drawings

ATTENUATION AND SUDs REQUIREMENTS

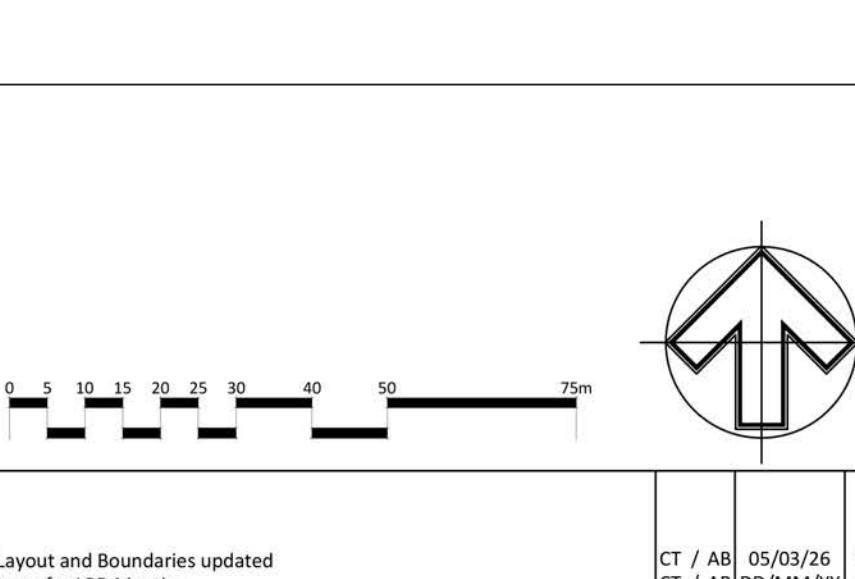
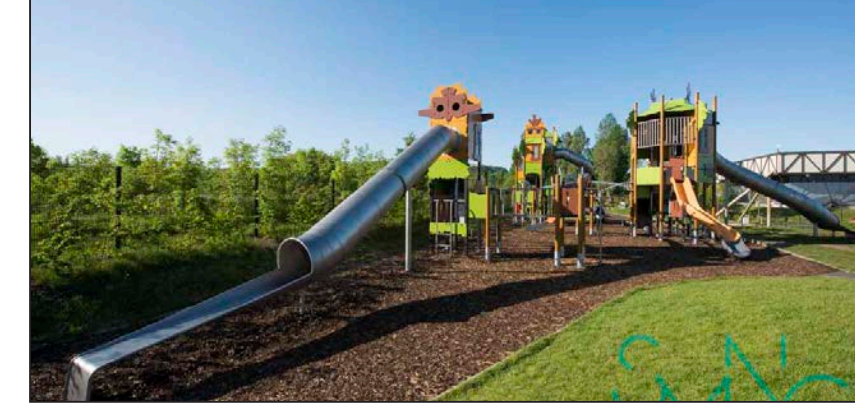
- Attenuation Tanks
- Swales

NOTE:

- For Boundary Proposals refer to drawing L1005.
- Root Barriers will be implemented adjacent to services where tree planting occurs in close proximity.
- For information regarding paving build ups, roads, parking demarcation, kerb radii, setting out, levels and drainage refer to Civil Engineer's drawing package.
- For information regarding Lighting refer to Mechanical and Electrical Engineers drawing package.
- For information regarding signage and Architecture refer to Architects drawing package.



SHEET LOCATION MAP FOR DWGS L1002 & 1003



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Client: Lisdaran Development Limited

Project: Proposed Residential Development Lands at Lisdaran Townland, Loreto Road, Cavan
 Title: Overall Landscape plan - Sheet 01

Job No: 7348 **Scale:** A0 1:1000 **Date:** 05-03-26

Project	Originator	Volume	Level	Type	Rule	Number	Revision
7348	PHL	ZZ	ZZ	DR	L	1001	P01

LANDSCAPE SPECIFICATIONS

Landscape works to be undertaken by an ALCI (Association of Landscape Contractors of Ireland) approved landscape contractor and in accordance with BS 4428:1989 Code of practice for general landscape operations (excluding hard surfaces).

Proposed planting species for the landscape works will be based on the "Pollinator Friendly Planting Code" in the All-Ireland Pollinator Plan 2021 - 2025.

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. Topsoil preparation, quality, depths, cultivation and final grading shall be carried out in suitable weather conditions as per BS 3882:2007 Specification for topsoil and requirements for use. Overall minimum depths after firming and settlement to be:

Woodland Areas & Shrub Planting 450-500mm
 Lawn and Grass areas 100mm

Proposed Hedgerow Planting

Hedgerow plants to be planted at 5 per linear meter (in double staggered row at 500mm centres). Transplants shall be of the size stated and conform to BS 3936 - Part 1: Nursery stock specification for trees and shrubs.

Planting pockets 400x400x300mm deep with cultivated and evenly incorporated: organic manure 100mm layer over area of pit, fertiliser 35g. 50mm depth bark mulch dressing on completion of planting.

Whips and Transplants

Support whips with single stake 25mm diameter and tie and protect whips, single stemmed transplants and native hedgerow stock with approved spiral rail guards.

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. The Landscape Architect will visit site at end of this year and produce a snagging list identifying all defects and outstanding items. Any trees or shrubs dying, damaged or removed will be replaced in the following planting season with plant of similar size and species.