A1

NORTH

Proposed 2m high stone wall along roadside perimeter.

New mixed species native tree and hedgerow planting along the roadside boundary.

Green Infrastructure
Existing hedgerow retained and trimmed.

Hedgerow planting to front garden definition

Raingardens

Proposed 1.2m high stone wall at Entrance

Proposed 1.0m high railing and native hedgerow.

Proposed 2m high stone wall along site perimeter.

Communal Open Space
85.0sq.m

Public Open Space
1945.1 sq.m

Open Space
Integrated stormwater feature with woodland planting augmenting existing retained hedgerows and gentle 1:5 side slopes at public realm enhancing ecology and providing year-round visual interest. Incorporates terraced, informal seating, equipped play and nature-based play elements that encourage passive and exploratory engagement with the landscape.

Public Open Space
1443.2 sq.m

Open Space
Multifunctional open space combines passive and active recreation, exercise, nature based surface water management and biodiversity within an accessible open setting.

Green Infrastructure
Existing hedgerows are retained and enhanced to form a natural green lung, supporting wildlife movement and maintaining landscape character.

MERR STONEWORK WALL
Proposed 2.0 m High Stone Wall.

Central Open Space
Multi-use central open space which combines recreation, inclusive play zone with equipment for toddlers to teens, safety surfacing and seating for residents.

Communal Open Space
821.9 sq.m

Open Space
Integrated stormwater feature with woodland planting and native hedgerows to the boundary. Gentle 1:5 side slopes facing public. Incorporates nature-based play elements that encourage passive and exploratory engagement with the landscape.

Public Open Space
815.2 sq.m

MERR STONEWORK WALL
Proposed 2.0 m High Stone Wall.

Permeability
Circulation leading up to the site boundary to provide possible future connections to adjoining zoned lands.

Hedgerow Retention & Protection
Existing hedgerows retained and protected to create a green corridor and ecological buffer with additional new native tree and hedgerow planting.

ADJOINING LRD APPLICATION SITE

ENTRANCE

MAYNOOTH EASTERN RING ROAD

APARTMENT BLOCK 02 UNITS 01-18

APARTMENT BLOCK 01 UNITS 01-21

APARTMENT BLOCK 03 UNITS 01-10

APARTMENT BLOCK 04 UNITS 01-23

APARTMENT BLOCK 05 UNITS 01-23

DUPLEX BLOCK UNITS 01-08

Crèche Play Area

ACCESS ROAD

Raised DBM

Raised Coloured Bitmac

Footpath

Railpark

Pedestrian Route

Future Duplex Block

DETENTION

Pond

SuDS Basin

POS 7
2150sqm

Landscape Plan
Scale 1:500

Key to Landscape Treatments

All trees and hedgerows have been surveyed by the consulting Arborist. Refer to their documentation for full details of all existing vegetation.

EXISTING TREES & HEDGEROWS:
To be retained and protected during the course of the works.

Tree Planting

TREE PLANTING: Aesculus hippocastanum, 20-25cm girth, rb.

TREE PLANTING: Fagus sylvatica, 20-25cm girth, rb.

TREE PLANTING: Carpinus betulus 'Lucas', 16-18cm girth, rb.

TREE PLANTING: Quercus robur 'Koster', 16-18cm girth, rb.

TREE PLANTING: Pinus sylvestris, 2.0-2.5m tall, rb.

TREE PLANTING: Acer campestre 'Elsrijk', 16-18cm girth, rb.

TREE PLANTING: Betula pendula, 16-18cm girth, rb. (Silver Birch)

TREE PLANTING: Sorbus aucuparia 'Sheerwater Seedling', 16-18cm girth, rb.

TREE PLANTING: Prunus avium, 14-16cm girth, rb.

TREE PLANTING: Betula utilis jacquemontii 'Snow Queen', 14-16cm girth, rb.

TREE PLANTING: Sorbus 'Joseph Rock', 14-16cm girth, rb.

TREE PLANTING: Corylus avellana, multistem, 2.5m high, rb.

Soft Landscape Treatments

PROPOSED EVERGREEN HEDGEROW PLANTING:
Buxus sempervirens, 3L, br at 250mm centres

PROPOSED NATIVE HEDGEROW PLANTING:
15% Crataegus monogyna, 60-90cm br at 250mm centres.
10% Euonymous europaus, 60-90cm br at 250mm centres
15% Malus sylvestris, 60-90cm br at 250mm centres
20% Rosa rugosa, 60-90cm br at 250mm centres.
15% Prunus avium, 60-90cm br at 250mm centres
15% Sorbus aucuparia, 60-90cm br at 250mm centres
5% Sambucus nigra, 60-90cm br at 250mm centres
5% Ilex aquifolium, 2L cg at 250mm centres

PROPOSED WOODLAND PLANTING:
15% Crataegus monogyna, 60-90cm br at 500mm centres.
15% Betula pendula, 120-150cm br at 5m centres
20% Alnus glutinosa, 120-150cm br at 5m centres
15% Malus sylvestris, 60-90cm br at 500mm centres
10% Rosa rugosa, 60-90cm br at 500mm centres.
15% Prunus avium, 60-90cm br at 500mm centres
5% Malus sylvestris, 60-90cm br at 500mm centres
5% Ilex aquifolium, 2L cg at 500mm centres

PROPOSED POLLINATING PLANTING MIX:
2L at 600mm centres
Aster 'Asran' / 'Stardust', Crocosmia 'Babylon', Geranium 'Cambridge', Hemerocallis 'Stella d'or', Nepeta 'Walkers Low', Oregano 'Golden', Rudbeckia 'Goldstrum', Sedum 'Autumn Joy', Stachys 'Byzantina', Stipa arundinacea in single species blocks. All blocks to be proportionately spaced through the area to be planted.

PROPOSED RAINGARDEN PLANTING MIX:
Astrantia major, 2L, cg
Carex nigra, 2L, cg
Carex elata, 2L, cg
Geranium macrorrhizum, 2L, cg
Deschampsia cespitosa, 2L, cg
Hakonechloa macra, 2L, cg
Iris 'Holden Clough', 2L, cg
Lythrum salicaria, 2L, cg
Primula vulgaris, 2L, cg
Sisyrinchium californicum 2L, cg
planted at 600mm centres in single species blocks. All blocks to be proportionately spaced through the area to be planted.Pebble mulch to be spread to 25mm depth to all planted areas.

PROPOSED GRASS
AMENITY LAWN MIX:
20% Perennial Ryegrass 'Jessica', 35% Perennial Ryegrass 'Evita', 20% Strong Creeping Red Fescue, 10% Trifolium pratense, 10% Trifolium repens, 5% Browntop Bent at 35-50g/square metre.

PROPOSED WETLAND GRASS MIX
10% Creeping Bent
40% Chewings Fescue
10% Yorkshire Fog
40% Red Fescue
at 35-50g/square metre.

PROPOSED WILDFLOWER GRASS MIX
MM02 (or similiar from Design By Nature)
Birdsfoot Trefoil, Black Meddick, Bladder Campion, Bladder Campion, Corn Marigold, Corn Poppy, Corncockle, Cowslip, Devil's Bit Scabious, Eyebright, Meadow Buttercup, Fleabane, Lesser Knapweed, Meadowsweet, Ox-eye Daisy, Purple Loosestife, Ragged Robin, Red Clover, Ribwort Plantain, Selfheal, St Johnswort, Water Avens, Woundwort, Wild Angelica, Yarrow, Yellow Agrimony, Yellow Rattle, at 1.5g/square metre.

Hard Landscape Treatments

PROPOSED SURFACE TREATMENT 1
Flag paving

PROPOSED SURFACE TREATMENT 2
Block Paving

PROPOSED SURFACE TREATMENT 3
Play Surface to be determined by CFH and Play Manufacturer/Installer

PROPOSED SURFACE TREATMENT 4
Resin Bonded or concrete to detail

PROPOSED SURFACE TREATMENT 5
Concrete

PROPOSED SURFACE TREATMENT 6
Permeable Concrete block paving at 80mm depth

PROPOSED SURFACE TREATMENT 7
Road surface to Engineers detail

PROPOSED SURFACE TREATMENT 8
Road surface Coloured Bitmac to Engineers detail

SITE FURNITURE

PROPOSED EQUIPMENT
Play Items & Surfacing to EN1176 & 1177

PROPOSED SEATING
Composite Seat with armrest on stainless steel frame

PROPOSED FEATURE 1
Boulders of various sizes

PROPOSED FEATURE 2
Old Tree Logs and stumps

PROPOSED FEATURE 3
400mm x 400mm Stone/Concrete terraced edge

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BALLINAFAGH PROSPEROUS NAAS CO.KILDARE

Project Title	DEVELOPMENT AT RAILPARK WEST, MAYNOOTH, CO. KILDARE
Drawing Title	LANDSCAPE PLAN
Registered Landscape Architect	2025-26
Date: 16.12.2025	Job No: 838
Drawing No: 02	Rev: 0
Scale: 1:500	Drawn: GT
Designed: GWEN TIERNEY Landscape Architect.	Status: LRD PLANNING