A0

NORTH

Existing building to be demolished as part of the development works. Existing vegetation will be retained and new tree and hedgerow planting of mixed native species will be planted to provide connectivity to adjoining green infrastructure.

Existing roadside vegetation to be retained. A new pumping station is to be located in the corner of the field. A new fence along the boudnary will be augmented with new tree and hedgerow planting.

Existing hedgerow to be retained. The following has been agreed with the residents of St. Patricks Church:
Eastern Boundary:
- Install land drain to base of Ha-Ha wall to alleviate existing wet conditions. Drain is to be connected to proposed surface water drainage system of proposed development.
- Provide a new 2100 mm high metal post and rigid weld mesh fence offset 4m from Red Line/ Application boundary on the site side in order to provide maintenance work space access.
- Plant a new Beech hedgerow along the inside of the new fence, to be maintained by the residents of St. Patricks Church.
- Plant a new mixed species native hedgerow on the site side of the fence interplanted with native and pollinating tree species.

Existing hedgerow to be retained. The following has been agreed with the residents of St. Patricks Church:
Southern Boundary:
- Install land drain to base of Ha-Ha wall to alleviate existing wet conditions. Drain is to be connected to proposed surface water drainage system of proposed development.
- Provide a new 2100 mm high metal post and rigid weld mesh fence offset 6m from Red Line/ Application boundary on the site side in order to provide maintenance work space access.
- Plant a new Beech hedgerow along the inside of the new fence, to be maintained by the residents of St. Patricks Church.
- Plant a new mixed species native hedgerow on the site side of the fence interplanted with native and pollinating tree species.

Natural style play space comprising a number of natural elements such as grassy mounds, logs and boulders enhanced with hardwood pieces of play equipement all manufactured and installed to EN 1176 & 1177.

Existing hedgerow to be retained and augmented with additional mixed species native hedgerow interplanted with native and pollinating tree species.

Specimen tree planting underneath which low level pollinating plant species benifit biodiversity.

Fastigiate street tree planting creating an avenue effect along the primary access road through the site. Bulb planting underneath provides seasonal colour.

Existing mature roadside vegetation comprising mixed native species.

Ground cover planting providing a low vegetative buffer between parking and pedestrian circulation.

New mixed species native hedgerow interplanted with native and pollinating tree species along the existing boundary fence.

Rest stops/Seating provided at 50m intervals along the pedestrian route.

Pocket Park including a natural style play space comprising a number of natural elements such as grassy mounds, logs and boulders enhanced with hardwood pieces of play equipement all manufactured and installed to EN 1176 & 1177.

Low to medium height evergreen hedgerow to be planted between front garden boundaries.

An open ditch exists along this boundary inside the application boundary line. Where adjoining houses back onto the boundary, sections of hedgerow has been removed and a steeel fence provides the boundary to the gardens, Isolated Ash, which have been topped occur with hawthorn and alder.

Timber fence and mixed hedgerow boundary with some trees located along the property boundary and beyond the existing ditch.

A deep wet ditch exists along this boundary inside the application boundnary line. Where houses back onto the boundary, the hedgerow has been removed and a steeel fence provides the boundary to the gardens. Pocket of bramble remain.

POSSIBLE FUTURE CONNECTION

Existing mature mixed species hedgerow, 8m in height located on the other side of a wet ditch and the application boundary line.
This hedgerow is to be retained.
The wet ditch on the site side of the application boundary line is to be piped. Proposed new gardens will extend to the existing hedgerow. A new 2100mm high metal post and riged weld mesh fence will be placed along the boundary line.

Pedestrian/cycle paths and roads to link with the adjoining lands, Reg Ref, 20306826.

Existing hedgerow is not in applicants ownership. Any removal of hedgerow to facilitate pedestrian connectivity will be with the agreement of the adjoining landowner (Rycroft Homes Ltd. Reg Ref, 20306826).

Existing mature mixed species hedgerow, 8m in height located on the other side of a wet ditch and the application boundary line.
As part of the planning proposals on the adjoining site Reg. Ref. 20306826, this hedgerow is to be retained.
The wet ditch on the site side of the application boundary line is to be piped. Proposed new gardens will extend to the existing hedgerow. A new 2100mm high metal post and rigid weld mesh fence will be provided.

On the adjoining site, proposed rear gardens are to remain open to the existing hedgerow, i.e no permanent boundary treatment is provided.

Pedestrian/cycle paths tie in with paths proposed on adjoining lands, Reg Ref, 20306826.

Existing hedgerow is not in applicants ownership. Any removal of hedgerow to facilitate pedestrian connectivity will be with the agreement of the adjoining landowner (Rycroft Homes Ltd. Reg Ref, 20306826).

Open space area incorporating cycle and pedestrian circulation, outdoor fitness equipment together with sculpted grassy mounds, specimen tree planting and native and pollinating species.

Landscape Plan

Scale 1:500

Key to Landscape Treatments

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

T157 — **EXISTING TREES:** To be retained and protected during the course of the works.

G18 — **EXISTING HEDGEROW GROUPS:** To be retained and protected during the course of the works.

Tree Planting

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

PROPOSED TREE PLANTING: Quercus robur, 20-25cm girth, rb.

PROPOSED TREE PLANTING: Pinus sylvestris, 2.00-3.00cm tall, rb.

PROPOSED TREE PLANTING: Crataegus monogyna 'Stricta', 18-20cm girth, rb.

PROPOSED TREE PLANTING: Quercus robur 'Fastigiata', 18-20cm girth, rb.

PROPOSED TREE PLANTING: Pyrus call. 'Chanticleer', 18-20cm girth, rb.

PROPOSED TREE PLANTING: Betula pendula, 16-18cm girth, rb.

PROPOSED TREE PLANTING: Prunus avium, 16-18cm girth, rb.

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

PROPOSED TREE PLANTING: Sorbus 'Joseph Rock', 16-18cm girth, rb.

PROPOSED TREE PLANTING: Betula pubescens, 16-18cm girth, rb.

PROPOSED TREE PLANTING: Amelanchier lamarckii, 3.5m tall multistem, cg.

PROPOSED TREE PLANTING: Malus syvestris, 14-16cm girth, rb.

Soft Landscape Treatments

PROPOSED HEDGEROW PLANTING: Prunus lusitanica, 60-90cm cg at 250mm centres;

PROPOSED NATIVE HEDGEROW PLANTING:
15% Crataegus monogyna, 60-90cm br at 250mm centres.
10% Euonymous europaeus, 60-90cm br at 250mm centres
15% Malus sylvestris, 60-90cm br at 250mm centres
20% Prunus spinosa, 60-90cm br at 250mm centres.
15% Prunus aviurn, 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% Salix caprea, 60-90cm br at 250mm centres

PROPOSED HEDGEROW PLANTING: (Native, Evergreen) Taxus baccata, 120-150cm br at 250mm centres.

PROPOSED HEDGEROW PLANTING: Fagus sylvatica, 150-180cm feathered stock at 250mm centres;

PROPOSED SHRUB POLLINATING PLANTING MIX:
LOW LEVEL SPECIES
Achillea 'Moonshine', 2L at 600mm centres
Anemone 'Splendens', 2L at 600mm centres
Aster 'Little Carlow', 2L at 600mm centres
Calamagrostis 'Karl Foerster', 2L at 600mm centres
Kniphofia species, 2L at 600mm centres
Lavandula angustifolia 'Vera', 2L at 600mm centres
Osteospermum 'Canninglen Ray', 2L at 600mm centres
Salvia nemerosa, 2L at 600mm centres
Stachys 'Hummelo', 2L at 600mm centres
Thymus vulgaris, 2L at 600mm centres
in single species blocks. All blocks to be proportionately spaced through the area to be planted.

PROPOSED MEADOW Grass areas to be left unmown and strimmed twice yearly to encourage wild flower establishment.

PROPOSED POLLINATING BULB PLANTING
Mixed Spring Bulb Flowering Mix:
Crocus vernus
Galanthus nivalis Snowdrop
Muscari armeniacum
Hyacinthoides non-scripta
at 30 per sq.m.

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

Hard Landscape Treatments

PROPOSED SURFACE TREATMENT 1 Concrete

PROPOSED SURFACE TREATMENT 2 Coloured Tarmacadam

PROPOSED SURFACE TREATMENT 3 Tarmacadam

PROPOSED SURFACE TREATMENT 4 Permeable Concrete block paving at 80mm depth

PROPOSED SURFACE TREATMENT 5 Concrete Flag paving at 60mm depth

PROPOSED SURFACE TREATMENT 6 Concrete Flag paving at 60mm depth

SITE FURNITURE

PROPOSED EQUIPMENT Play Items to EN1176

PROPOSED EQUIPMENT Outdoor exercise equipment.

PROPOSED SURFACE TREATMENT Play Safety Surface to EN 1177

PROPOSED SEATING Natural Stone

		By

Project Title: Site to south and east of the R148 and abutting the M4 Junction 8 roundabout, Boycetown, Kilcock, Co. Kildare.

Drawing Title: LANDSCAPE MASTERPLAN

Landmark Design & Consultancy Ltd. — BALLINAFAGH PROSPEROUS NAAS CO.KILDARE — M:086 851 9296 E:info@landmarkdesigns.ie

Designed:	GWEN TIERNEY Landscape Architect.	Status:	PLANNING	Date:	31.08.2022	Job No:	P686	Drawing No:	01	Rev:
				Scale:	1:500	Drawn:	GT			