



KEY:

Site Boundary Phase Line

PLANTING

Proposed planting with native or naturalised species. All new planting beds to have min 300mm depth imported topsoil and 300mm depth of subsoil, 50mm depth amenity bark mulch. For species see planting strategy.

Hedge Planting: In planting beds, as above, 1.2m high, single species hedge, one of the following species: *Carpinus betulus*, *Elaeagnus*, *Erica*, *Ligustrum ovalifolium*, *Phoraea x fraseri* 'RedRobin'. Planted banded or container grown depending on season. Planted at 100-125cm tall, density depends on species.

New native hedgerow to ecology corridor. Mixed native hedge 50% *Catalpa monnina*, 10% of each of the following: *Corylus avellana*, *Rosa canina*, *Rosa rubiginosa*, *Eurostaphyle vitifera*, *Viburnum Opulus*. Planted banded, during winter (November - March), 45-60cm tall, plant at 5 plants per metre in a staggered double row, with 33cm between each plant along the row and 60cm between the rows.

Grass: Amenity grade turf over 150mm min imported topsoil over 450 subsoil.
Gr - Grass matting to toddler play space

Wildflower meadow: area seeded with LW1 Traditional Meadow, LW7 Light Shade mix & LW8 Heavy shade mix (min 24 native species), sowing rate 3g per sqm. Available from Landis Wildflowers.

BIO-DIVERSE ROOFS

Biodiverse roof to buildings: 80-150mm intensive substrate. Areas of Acid & Neutral Grassland seed mixes E4 & E7 available from Emorsgate Seeds or similar.

Biosolar Roof: Where photovoltaic panels are required a layer of low maintenance extensive vegetation will be planted. This enables a greater portion of the roof to become a biodiverse roof. The PV panels to be installed at a height and angle that accommodates planting.
Min 500mm wide 20-40mm round washed pebble vegetation barrier min 100mm depth provided at all perimeters and protrusions. Roof loading capacity to be confirmed by engineer.
400 diameter concrete shallow bird bath set in substrate.

Contours at 200mm

Log pit:
150-200 hard wood logs partially buried in substrate

Caledonian glacial stones 100-350 diameter, set in substrate. Available from CED LTD.

EXISTING TREES:

Existing trees to be retained.
See Delta Simons Tree Survey and Report

Existing trees to be removed.
See Delta Simons Tree Survey and Report
See IA Tree Retention & Removal Plan

PROPOSED TREES:

Proposed trees (various sizes) generally air spilt grown trees. All underground gullys, with irrigation loop, 50mm bark mulch over 600 depth BS3882:2015 Topsoil 350 free draining subsoil over stable decomposed base.
Dashed outline shows predicted 25 year canopy spread.

TREE PITS: Refer to landscape sections LA-421-LS-01, LS-02, LS-03 for details

Tree Pits below G03 area to be extended below hard surfacing with structural roofing cells.
Roof barrier to tree pits near services.

ECOLOGICAL ENHANCEMENTS:

Birdroof: Built in WoodStore Box with birdroof.co.uk, position TBC

Spar: Birdroof: Built in WoodStore House Sparrow Nest Box with birdroof.co.uk, position TBC

BIRD BOX: Bird roof boxes to create nesting opportunities for a range of species mitigating for the loss of potential nesting opportunities with in existing buildings or removed vegetation. Boxes with open fronts, 32mm & 20mm diameter holes will be installed on existing mature trees & boundary fencing to ecology corridor.

Stag beetle loggery: pyramid shaped arrangement of logs set 500mm in ground Logs from native felled site trees

SM Small mammal hole in garden boundary fencing, min one hole per garden to ensure a continuous route through all near gardens

MAINTENANCE:

WPP: Weirring point. Positions TBC

0 5 10 15
Scale Bar in Metres

NOTE:

WEIGHT LOADINGS FOR ANY SURFACE LANDSCAPING ITEMS, SUCH AS ROCKS, LOGS, INSULATING AREAS OF GROWING MEDIA AND FULLY ESTABLISHED PLANTING VEGETATION, MAKING UP THE BIODIVERSITY LANDSCAPING SHOULD BE THE SUBJECT TO A STRUCTURAL ENGINEERS APPROVAL.

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IRELANDALBRECHT
LANDSCAPE ARCHITECTS

Richmond College Redevelopment

Landscape GA - Softworks Plan

For Planning

Scale	Drawn	Checked	Date
1:200 @ A0	LP	DA	23.11.2018
1:400 @ A1			

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Revision: 5

All dimensions to be checked on site. Do not scale. This drawing is copyright.