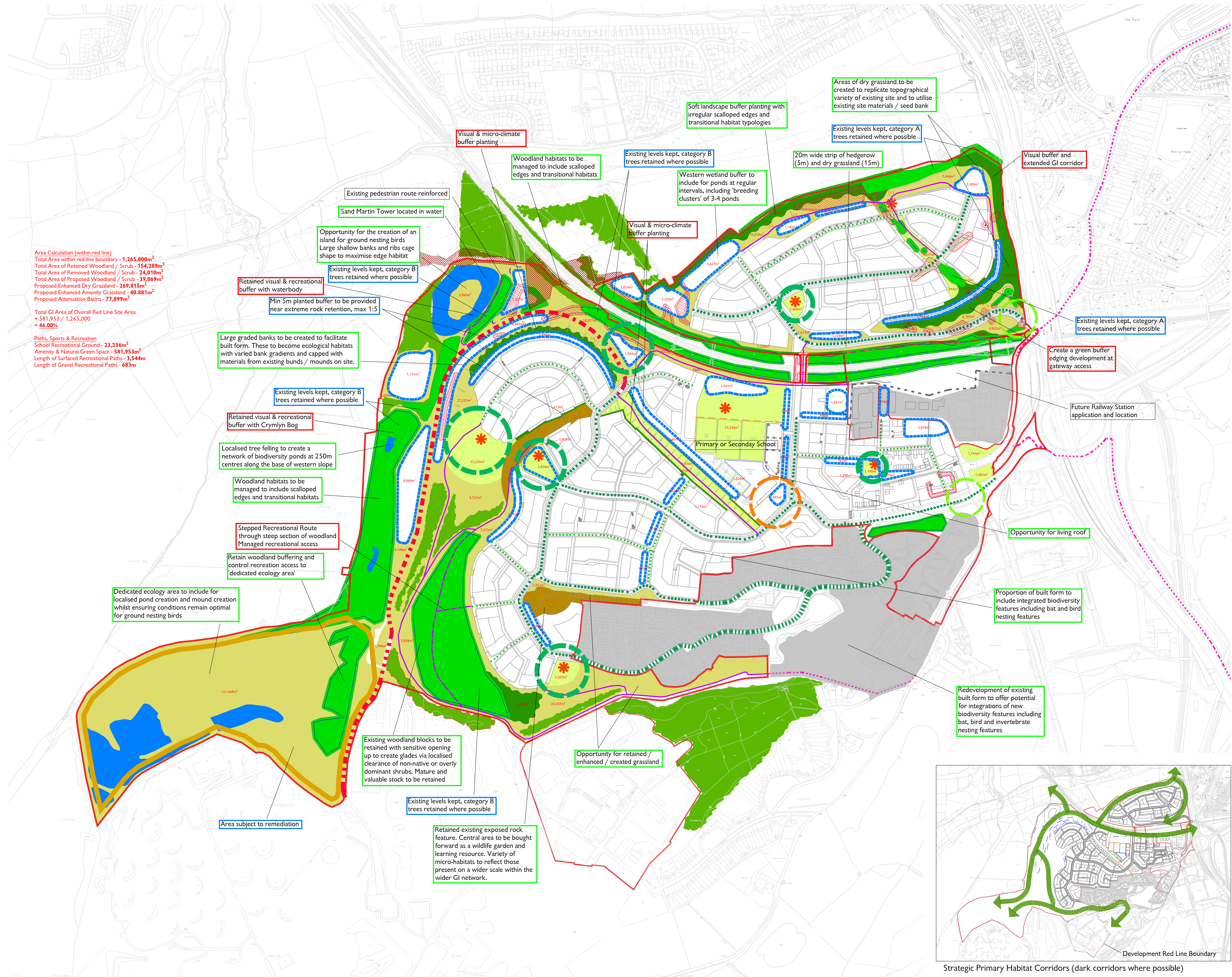




Area Calculation (within red line)
Total Area within red line boundary - 1,265,000m²
Total Area of Retained Woodland / Scrub - 154,289m²
Total Area of Proposed Woodland / Scrub - 24,010m²
Total Area of Proposed Woodland / Scrub - 39,069m²
Proposed Enhanced Dry Grassland - 269,815m²
Proposed Enhanced Amenity Grassland - 40,881m²
Proposed Attenuation Basins - 77,899m²

Total GI Area of Overall Red Line Site Area
= 581,953 / 1,265,000
= 46.00%

Paths, Sports & Recreation
School Recreational Ground - 23,236m²
Amenity & Natural Green Space - 581,953m²
Length of Surfaced Recreational Paths - 3,544m
Length of Gravel Recreational Paths - 683m

- GI Key
- Existing Development
- Parameter Development Plan
- Existing Scrub Vegetation Retained and Managed (ecological mitigation and enhancement)
- Category A Existing Woodland / Trees
- Category B Existing Woodland / Trees
- Category C Existing Woodland / Trees
- Removed Woodland / Trees
- Ancient Woodland
- Dry Grassland (ecological mitigation and enhancement)
- Amenity / Recreational Grass Area Including Meadow and Flowering Lawn Mixes (amenity and recreation)
- Existing exposed rock feature (ecological mitigation and enhancement)
- Primary GI Street
- Existing Primary Street within existing development
- Secondary GI Street
- Primary GI Recreational Corridors Pedestrian and Cycle route (recreational & travel)
- Woodland GI Recreational Corridors Gravel pedestrian route (recreational)
- Active Travel Route Off Site
- Potential Future Road Extension Interim gravel recreational route
- Landscape Gateway
- Parks / Formal Recreational Space (public realm enhancement)
- GI Community Core (central square & park)
- Dedicated Habitat Mitigation Area (ecological mitigation enhancement)
- Opportunity for Attenuation Basins (ecological and drainage mitigation and enhancement)
- Soft Landscape Visual Buffer to Development Edge (landscape mitigation and enhancement)
- Principal Children's Play Locations
- Ecology Notes
- Engineering Notes
- Landscape Notes

PAC

PROJ 06.10.21 Red line boundary update, Layout update, Revised area calculation SB CC
PROJ 05.10.21 Layout update, Revised road layout, Amendments to grass and SB CC
PROJ 05.08.21 Amendments to grass areas and paths, drainage and additional SB SH
PROJ 19.07.21 Tree survey added and area calculations amended, paper size SB SH
PROJ 14.07.21 Amendments to northern area, grass area calculations added SB SH
PROJ 28.06.21 Amendments to southern area and recreational area routes SB SH
PROJ 21.06.21 First issue for discussion SB SH
Rev Date Comment Approved Drawn

PRELIMINARY

PLANNING

DESIGN

TENDER

CONSTRUCTION

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client

St Madwen

project

Coed Darcy (North)

drawing title

Green Infrastructure Masterplan

scale

1:2500 @ A0

drawn

SM/CC

approved

SB

date

June 2021

drawing no.

2180801 - SBC - 00 - XX - DR - L - 101

revision

PROJ08

Strategic Primary Habitat Corridors (dark corridors where possible)

APPENDIX 2
Appropriate Pond Designs

TYPE A

Grassland buffer: over-seeded with Emorsgate Seeds' EM8 (or similar) and managed specifically for Great Crested Newts

Drawdown zone exposing bare mud in summer

Shelved margins

Shallow pool

0.5m

1.0m

TYPE B

Grassland buffer: over-seeded with Emorsgate Seeds' EM8 (or similar) and managed specifically for Great Crested Newts

Drawdown zone exposing bare mud in summer

Shelved margins

Marginal shelf in centre of pond will create two ponds during drier periods and ensure micro habitats

1.0m

2.0m



ecology solutions ltd

PLAN ECO1: INDICATIVE CROSS SECTIONS THROUGH POND TYPES
(1 OF 2)

DRAWING NUMBER: APP.4.1.EMES

TYPE C

Grassland buffer: over-seeded with Emorsgate Seeds' EM8 (or similar) and managed specifically for Great Crested Newts

Drawdown zone exposing bare mud in summer

Shelved margins

Deeper pool of water to ensure year round water retention and prevent pond freezing

1.0m
2.0m
3.0m

TYPE D

Grassland buffer between ponds. Over-seeded with Emorsgate Seeds' EM8 (or similar) and managed specifically for Great Crested Newts

Drawdown zone exposing bare mud in summer

Profile to respond to ridge and furrow

Shallow pool
Up to 1.0m depth

0.0m
0.5m
1.0m



PLAN ECO1: INDICATIVE CROSS
SECTIONS THROUGH POND TYPES
(2 OF 2)

APPENDIX 3
Strategic Soft Landscape Plan