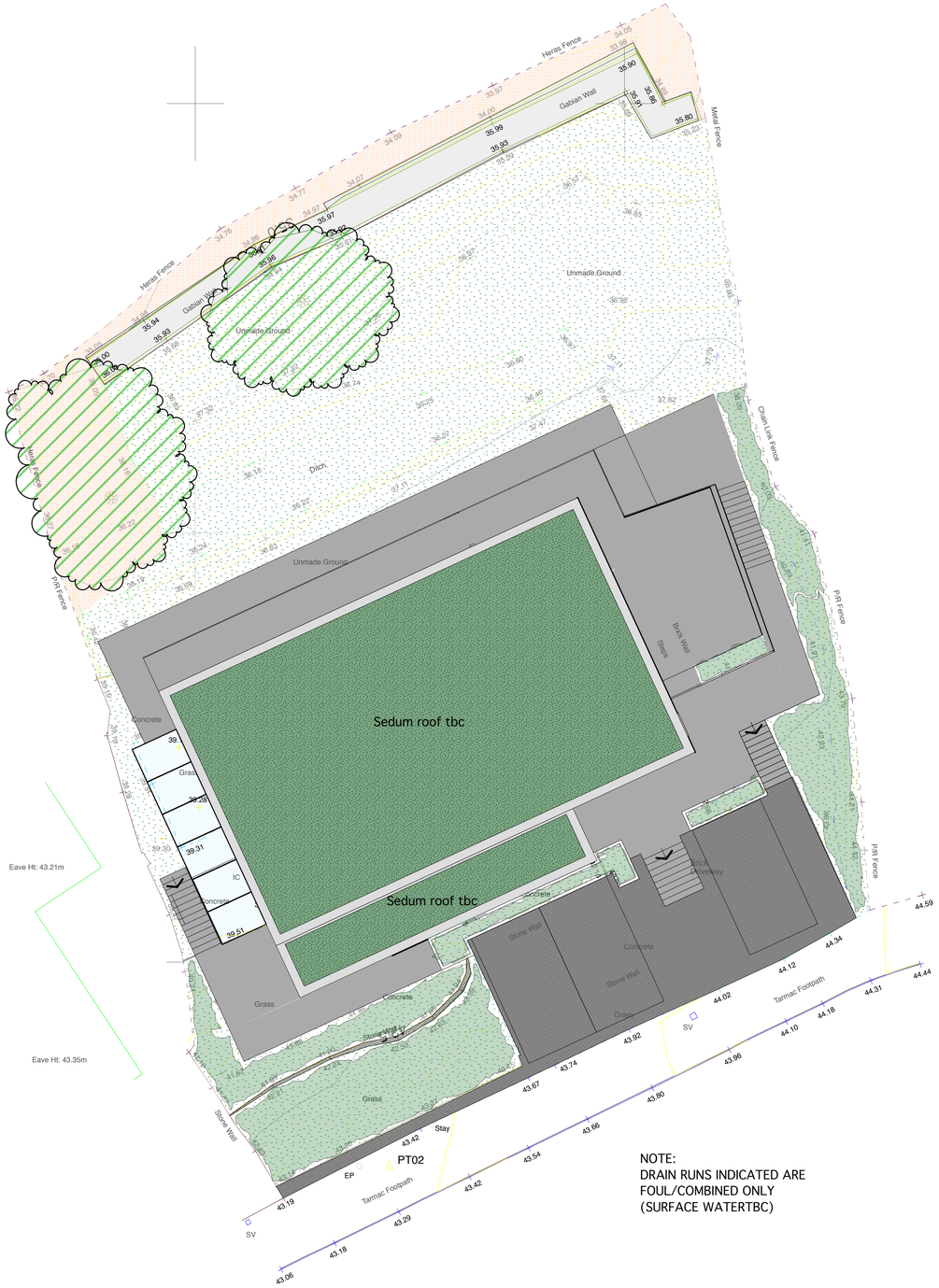
192240N

192225N



SHRUB PLANTING

ABBRV	SPECIES	DENSITY	HEIGHT/GIRTH	ROOT COND	POT SIZE	TOTAL
Car	Carex pseudocyperus	3 sqm	30-40 (h)	CON	3L	--
CtA	Choisya ternata Apple Blossom	4 sqm	30-40 (h)	CON	3L	--
Da	Dryopteris affinis	4 sqm	30-40 (h)	CON	3L	--
Dc	Deschampsia cespitosa	3 sqm	30-40 (h)	CON	3L	--
Ef	Euonymus fortunei Emerald Gaiety	4 sqm	30-40 (h)	CON	3L	--
Ha	Hydrangea arborescens Annabelle	2 sqm	30-40 (h)	CON	3L	--
HAG	Hebe Autumn Glory	4 sqm	30-40 (h)	CON	3L	--
HH	Hypericum Hidcote	3 sqm	30-40 (h)	CON	3L	--
HM	Hebe Midnight Sky	4 sqm	30-40 (h)	CON	3L	--
HO	Heuchera Obsidian	6 sqm	30-40 (h)	CON	3L	--
LaH	Lanvadula angustifolia Hidcote	5 sqm	30-40 (h)	CON	3L	--
PBB	Phormium Bronze Baby	4 sqm	30-40 (h)	CON	3L	--
PlOL	Prunus laurocerasus Otto Luyken	4 sqm	30-40 (h)	CON	3L	--
Sj	Skimmia japonica Rubella	3 sqm	30-40 (h)	CON	3L	--

LANDSCAPE KEY

- PROPOSED WILDFLOWER HABITAT
- PROPOSED GRASS AREAS
- EXISTING GABION WALL
- PROPOSED PATHS
- PROPOSED TARMAC/PARKING
- SEDUM ROOF
- EXISTING TREES TO BE RETAINED
- PROPOSED SHRUB PLANTING

192240N

192225N

192210N

192195N

P2024/0568 37 St Catherines Road Baglan

Green Infrastructure Statement

Introduction and Location

This Green Infrastructure Statement is to accompany the Planning Application for the rebuilt and remodelled dwelling at 37 St Catherines Road, Baglan. This statement should be read in conjunction with all drawings and documents that accompany the application.

The application site is located at the end of a run of existing dwellings to the north east of St Catherines ROad as it abuts an extensive area of protected woodland and consists of a rectangular site recently occupied by a rectangular dwelling, paved property of buildings and, terraces and car parking with no meaningful ecological habitation. The site is bounded on all sides road and pathway and has a significant benefit of off site ecological habitation on adjacent land consisting of established domestic gardens and the native well established woodland mentioned above.

Site Analysis

The application site consists of hard landscaped parking, slabs of existing buildings and domestic gardens.

Aerial view of site and surrounding area
(Application site shown in red.)
NOTE THAT THE ON SITE SHRUBS HAVE BEEN REMOVED SUBSEQUENT TO THIS PHOTO AND PRIOR TO APPLICATION

The purpose of this statement is to identify the local Green Infrastructure (GI) network both within and surrounding the site, illustrating how the development proposals have been designed to avoid, minimise, mitigate and, where required, compensate the local GI in line with Chapter 6 of Planning Policy Wales (Edition 12). Whilst the findings of this statement have informed the design the nature of the proposals, being fundamentally a roof extension over a flat roof, have limited the opportunity to materially enhance GI. Green infrastructure objectives for the development focus on opportunity to supplement the adjacent bird habitat by including bird boxes within the existing/proposed high level roof/gable walling thus enhancing GI by increasing the scope for bio diversity.

PROPOSAL:

Soft Landscape Proposals
Soft landscape proposals aim to both enhance on site features and create new features throughout the site. The quality of existing features to be retained shall be enhanced though management. Development proposals will increase the overall capacity and quality of soft landscape features and their contribution to on-site and local GI.
Connecting to the wider network is the key consideration for on-site GI. The proposals aim to achieve this by creating a clear landscape structure in which on site features can link to and the wider context. This includes a proposed mixed ornamental shrub planting regime. All plants have been selected to provide ecological benefits and habitats to local fauna.
The landscape design includes a range of new GI features for the benefit of people and wildlife. These include planting to improve amenity and structure, as well as providing summer shade and a food source for wildlife.

Ornamental Planting – Ornamental planting proposes mixes of shrubs, perennial and herbaceous planting around the proposed dwelling. Evergreen structure provided by shrubs is balanced with seasonal flowering plants, grasses and bulbs enhancing visual amenity and providing habitat and foraging opportunity.
Amenity Grassland – Amenity grassland within the domestic gardens create accessible areas for a range of activities.

Landscape Management
The proposed landscape management will include an appropriate aftercare period to ensure that any retained and created habitats, connections and landscape planting establish well and are maintained for connectivity and health.
The main objectives for the Landscape Management Plan include:
The conservation, protection, and enhancement of all proposed and retained natural features;
The establishment, through exemplary horticultural and contractual practices, of a high quality and functional landscape with wildlife biodiversity enhancements;
To ensure that plant Bio Security principles, including biodiversity, are embedded in both the implementation and management of all new landscaping;
To maintain the amenity of the proposals ensuring an attractive place to live and visit.

Wildlife enhancement:
1no. wall mounted nesting box for bird species (House sparrow): Woodstone Estella to be implemented in accordance with Part 1 Section 6 of the Environment (Wales) Act 2016, WG PPW (2016) and Tan 5.

1no. externally mounted woodcrete (or similar material) bat box suitable for crevice-dwelling bats, for example Beaumaris bat box or similar.

1no. externally mounted woodcrete (or similar material) swift boxes, for example the Burgos swift box or similar.

all to be implemented in accordance with Part 1 Section 6 of the Environment (Wales) Act 2016, WG PPW (2016) and Tan 5.

Where applicable and reasonable, the development proposals and philosophy follow the Stepwise Approach set out in figure 12 of Planning Policy Wales:

- Avoid – The layout of the site should be designed to avoid damage or removal of existing GI assets wherever possible;
- Minimise – The site layout should be developed and refined through an iterative approach, to minimise habitat loss and functioning ecosystems and retaining connections and existing features wherever possible;
- Mitigate/Restore – Potential damage to GI assets will be mitigated through best arboricultural practice, protecting landscape features during construction and repairing damaged habitats in excess of like for like; and
- Compensate – When all other steps have been exhausted further, on-site/immediate proximity or as a last resort off-site compensation should be provided. New areas of planting should be designed and specified to contribute to the local and wider GI network.

Located within a semi rural location the site and its neighbouring properties all have woodland or gardens which contain a mix of soft landscaping consisting of grassed areas, bushes and planting beds, mature natural hedges and trees.

The area benefits from connections to the wider green infrastructure network via domestic gardens and a network of hedgerows and trees.

The proposals do not unduly impact upon the existing soft landscaping within or adjacent to the site and the existing foot print of the building is not being substantially extended onto green landscaped areas. No native hedgerows/trees are impacted by the proposals.

It is therefore considered that the proposals have no material impact on existing GI assets and the new bird and bat boxes increase the opportunity for biodiversity enhancement.

Topographical Survey

Station Coordinate List

Station	Easting	Northing	Level
PT02	275481.774	192202.847	43.39
PT03	275496.850	192214.301	44.01
PT04	275488.713	192227.249	39.40
PT05	275474.403	192219.753	39.39

Drawing Key

Bin – Bin
BH – Borehole
BM – Benchmark
B – Bollard
CCTV – Camera / CCTV
Col – Column
Tree Trunk (Varying Sizes)
DP – Downpipe
DPG – Downpipe / Gulley
EP – Electic Post
ER – Earthing Rod
Gas – Gas Cover
G – Small Gully
IC – Inspection Cover (Round)
JB – Junction Box
LB – Letter Box
LP – Lamp Post
Mkr – Marker
MS – Milestone
P – Post
RE – Rodding Eye
RS – Road Sign
SC – Stop Cock
SP – Sign Post
Stay – Stay
S – Tree Stump
Tap – Water Tap
TL – Traffic Light
TP – Telegraph Post
Tree (Varying Sizes)
TV – TV Point
VP – Vent Pipe
Wet Area

Bottom of Bank
Bin
Bottom of Kerb
Building Line
Boundary
Edge of Path/ Back of Pavement
Centre Line of Road
Telephone Call Box
Canopy Line
Change of Surface
Door
Overhead Electric Cable
Fence
Gabian Wall
Gate
Gutter / Drain
Hedge / Vegetation
Metal Railings
Open Sided Building
Quarry Face
Retaining Wall
French Drain
Sign
Step
Style
Top of Bank
Top of Kerb
Watercourse Bottom
Watercourse Top
White Line
Wall
AV – Air Valve
BT – British Telecom Cover
CATV – Cable TV Cover
FH – Fire Hydrant
Gas – Gas Valve
IC – Inspection Cover
JB – Junction Box
KO – Kerb Outlet
G – Gully
IC – Inspection Cover (Triangle)

REVISIONS/UPDATES & ASSOCIATED DETAILS

Dwg No	Details	By	Date
-	-	-	-

LANDMARK
SURVEYS WALES
THE SURVEY PEOPLE
~ www.lmswalesltd.co.uk ~ enquiries@lmswales.co.uk ~ Tel: 01554 821590

JOB TITLE
37 St Catherines Road
SA12 8AT

SHEET SIZE & SCALE: A2 @ 1:200
DATE SURVEYED: June 2024
DRAWING NUMBER: 7018
DRAWN BY: KP
CLIENT: ASR Projects

Rev	Date:	Action:

This drawing is copyright.

Dimensions to be checked on site and any discrepancies reported to the Architect immediately .

Do not scale, use figured dimensions only.

cfw ARCHITECTS

D & R Morgan
37 St Catherine's Road
landscape plan
1:100 @ A1
2285-054 -

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