

Proposed Residential Development off Heol Llwyn Celyn, Neath, SA10 7PS

Plant species to 'Biodiversity Improvement Area' as advised by LA:

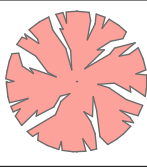
(Sow at 5 grms/m2) - For sowing in base of swales	1.0% Mentha aquatica Water Mint	0% Grasses (w = wild)
0% Wild flowers	1.0% Myosotis scorpiodes Water Forget-Me-Not	8.0% Agrostis stolonifera (w) Creeping Bent
0.5% Achillea ptarmica Sneezewort	2.5% Iris pseudacorus Yellow Iris	4.0% Alopecurus pratensis (w) Meadow Foxtail
1.0% Alisma plantago-aquatica Water-Plantain	1.5% Lotus pedunculatus Greater Birdfoot Trefoil	2.0% Anthoxanthum odoratum (w) Sweet Vernal Grass
2.0% Angelica sylvestris Wild Angelica	1.0% Lychnis Flos-cuculi Ragged Robin	1.0% Briza media (w) Quaking Grass
1.0% Cardamine pratensis Cuckoo Flower	1.7% Lycopus europaeus Gypsywort	40.0% Cynosurus cristatus Crested Dogtail
1.0% Dipsacus Fullonum Teasel	1.0% Lythrum salicaria Purple Loosestrife	1.0% Deschampsia cespitosa (w) Tufted Hair-Grass
1.0% Eupatorium cannabinum Hemp Agrimony	0.3% Pulicaria dysenterica Fleabane	24.0% Festuca rubra ssp juncea (w)
2.5% Filipendula ulmaria Meadowsweet	1.0% Succisa pratensis Devil's Bit Scabious	Slender Creeping Red Fescue
1.0% Mentha aquatica Water Mint		

 = Indicates location of proposed 'Rain Gardens' - See drawings number R507-SD-01

 = Indicates location of 'Biodiversity Improvement Area'

 = Indicates approx. location of 'Hedgehog Corridor' - TBC

 = Indicates approx. location of 'Hibernacula' - Number & Locations TBA on-site.
Wood from felled trees on-site to be utilised in the construction of the 'Hibernacula'.



Tree planting (Post-Construction) as follows:

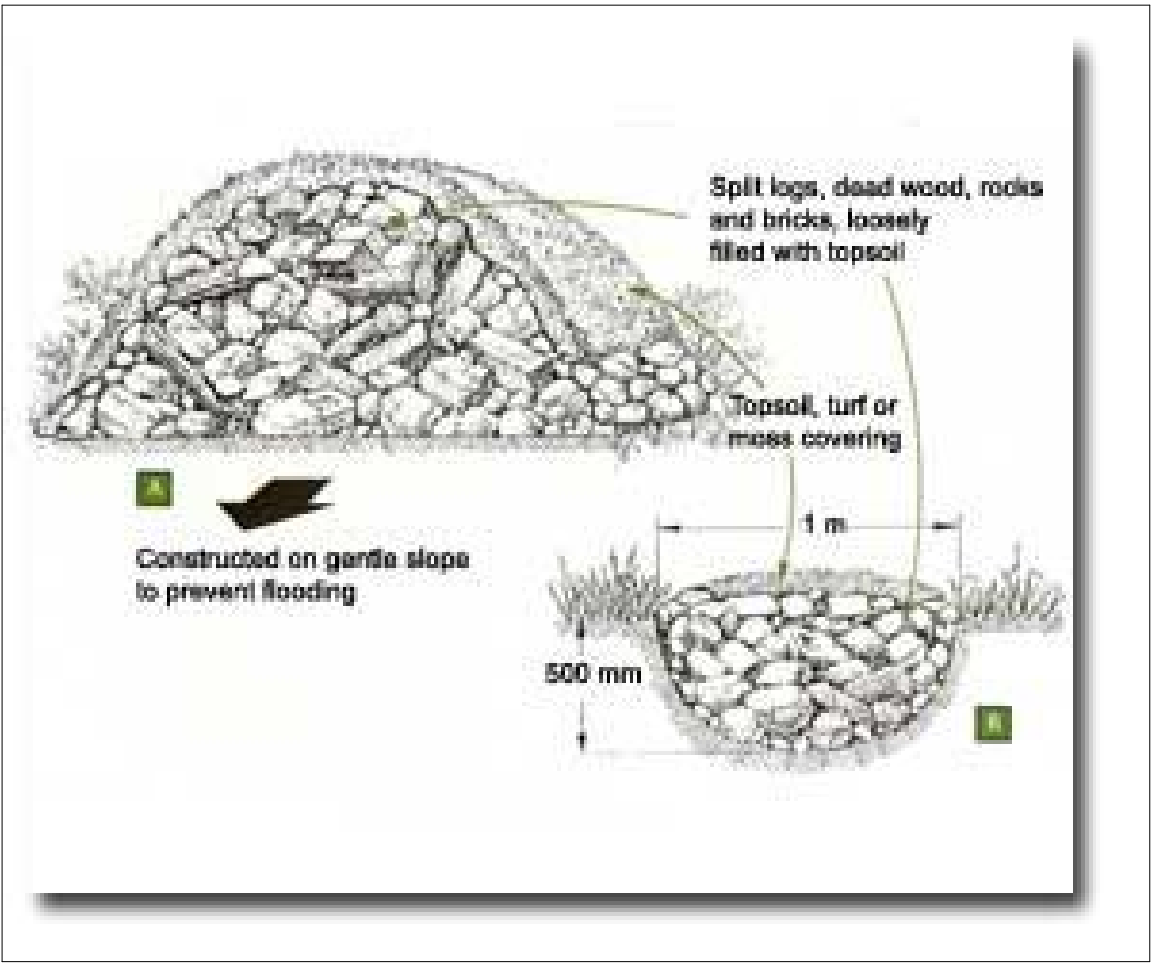
Six Acer Campestre 'Streetwise' 14-16cm Container Grown
Planted to BS 8545:2014 Trees: from nursery to independence in the landscape. Recommendations

Hedgerows planting (Post-Construction) as follows:

• A mixture of locally sourced whips (BS3936 standard) forms of 60% Hawthorn (Crataegus monogyna), 20% Hazel (Corylus avellana) and 20 % Black Thorn (Prunus spinosa). Where space is available hedgerow will also contain feathered whips of native broad leaf trees (Quercus robur / petraea, as that found in the local province) to give variation and to enhance biodiversity.

The hedgerow planting will be carried out in early spring as follows:

- o Planting at 300mm apart in a doubled staggered row of a random mixture of hedgerow species. Native broad leaf trees to be planted within longer sections of hedgerow replanting where there is suitable space to develop into mature hedgerow tree
 - o Spiral guards to be installed and a layer of 100mm thick and 1 metre wide of course well rotted wood chip mulch added and weeding carried out in late spring
 - o Continued maintenance (weeding) and replanting for any loss for the next 5 years until the strengthened hedgerows are established
- This hedgerow planting will enhance the natural boundary system to the site whilst also supporting local wildlife for the future.



Indicative hibernacular construction sketch



TAI TARIAN MAINTENANCE CYCLE - Biodiversity Improvement Area
Tai Tarian Neighbourhood Team to ensure the following:
1. No cutting of Rich Grassland between March-August
2. Removal of all cut grass arisings with September cut

General Notes:

1. Read in conjunction with Engineer's details & site investigation report.
2. Read in conjunction with drawing number R507-SD-01.
3. Read in conjunction with ArbTS Tree Protection Plan ref: 815.3
4. For ALL hard surface finishes, please refer to Engineers drawings/details.
5. 'Biodiversity Improvment Area' to be planted with wild flower and grass mix as noted on schedule provided by LA.
6. 'Hedgehog' corridor routes/locations to be agreed on-site.

DEVELOPMENT LANDSCAPING PROPOSAL:

The approved scheme landscaping shall be carried out in the first planting season after completion of the development or its occupation, whichever is the sooner, and any trees or plants which within a period of five years are removed or become seriously damaged or diseased shall be replaced in the next planting season with others of similar size and the same species.

TAI TARIAN MAINTAINANCE CYCLE:

All communal areas will be maintained by Tai Tarian' Neighbourhood Team on a 4 week cycle throughout the growing season, grass cutting, trimming trees and shrubs as required, and weed/moss spraying. During the winter months the site will be maintenance inspected periodically and any failing plants replaced before the following spring growing seasons to ensure the ongoing maintenance and sustainability of the approved design proposals.

Text

Engineering Layout (By RCA Dwg No: 20645/03)

1:200

Revision:	Date:	By:	Notes:
a Note added for maintenance plan to biodiversity improvement area	08.06.2020	CQ	

SAB Application - Formal Issue