Green Infrastructure Statement

Asset House Phase 2 and St Mary's House, Penarth Road, Cardiff

There is limited G.I in the area at present. However, the Central Quay development is nearing completion and will see a wide array of G.I enhancements. The eventually completed Vastint site will also see further enhancements to G.I. Trade Street Gardens to the South envisage some G.I in the form of street and roof level gardens. Asset House Phase 1 will also provide an area of G.I.

Whilst these are close by, they are not immediately adjacent (apart from Phase 1) so there will be gaps if longer eco corridors are trying to be delivered.

There is a well-established river edge to the West which reaches to Cardiff Bay, but this is 140m away from the site.

Existing Green Infrastructure

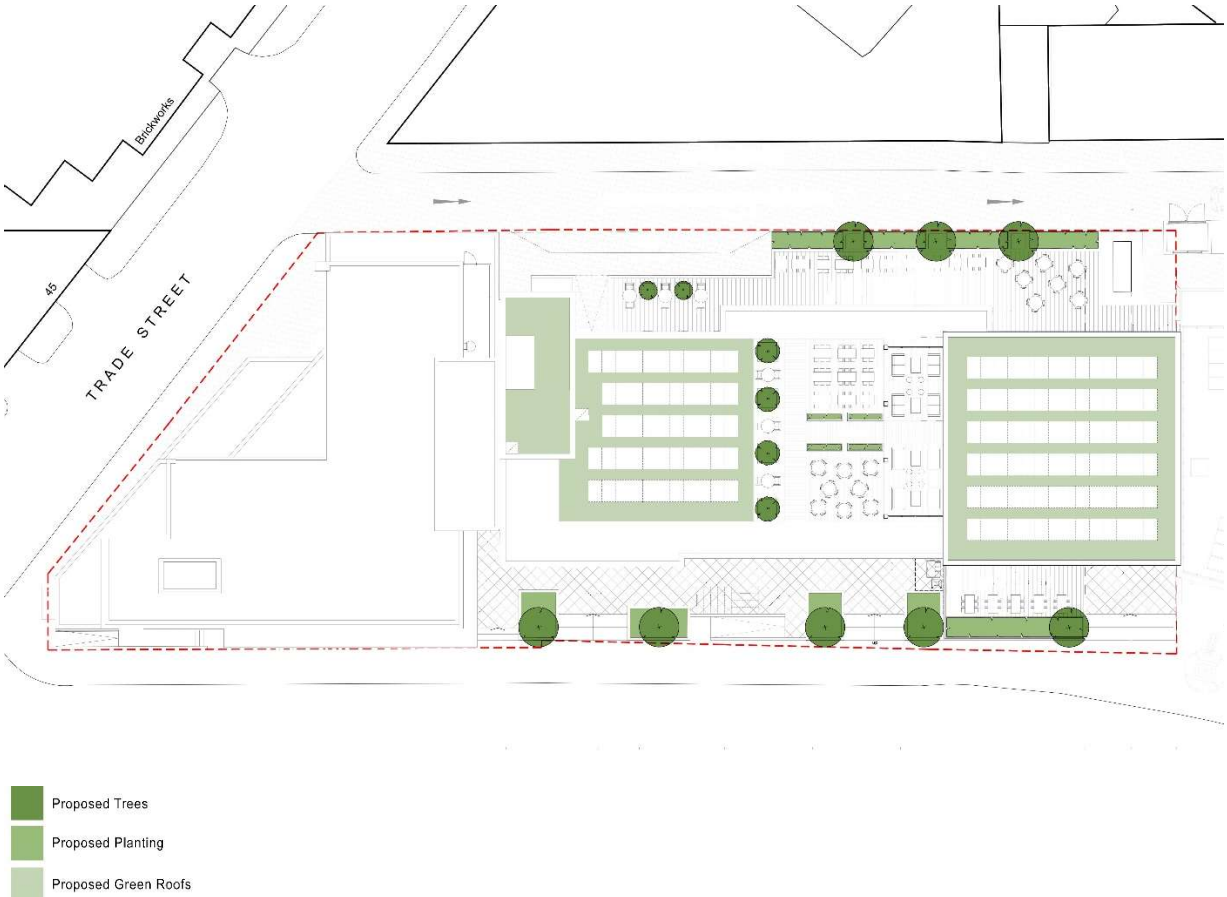
On the site there is no landscape content at all or even arid habitat for other avian or reptilian species. There is in fact, nothing.

We are however, looking to create a good amount of G.I on site. This will be in the form of trees and SUDs planters along Trade Street Lane, with further trees and shrubs on Penarth Road. The roof terrace will have several planters and potted trees. Roofs, where practical, will be green.

The landscape function along Trade Street Lane will be predicated to enriching species and biodiversity nett gain but will have a SUDs function as well. A detailed landscape plan is provided in the application pack.

St Mary's House goes up to the site boundary, meaning there is no scope for providing G.I on this portion of the site. The existing roof is in good condition and will not be replaced. In addition, it is unlikely the existing structure can take the load of a green roof. As such, this portion of the scheme will be largely free from G.I apart from a few small planters where practical.

Whilst on this site we cannot establish direct connectivity to the existing linear assets nearby, creating a wider network, we can deliver a good green content which can support avian species which can connect to local assets.



Proposed Green Infrastructure