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UNIT 12 ATLANTIC TRADING ESTATE BARRY

for
Forklift Specialist

July 2025

GREEN INFRASTRUCTURE STATEMENT

3252 (GIS) 001 rev P00

Revisions:

Rev P00

Public consultation issue

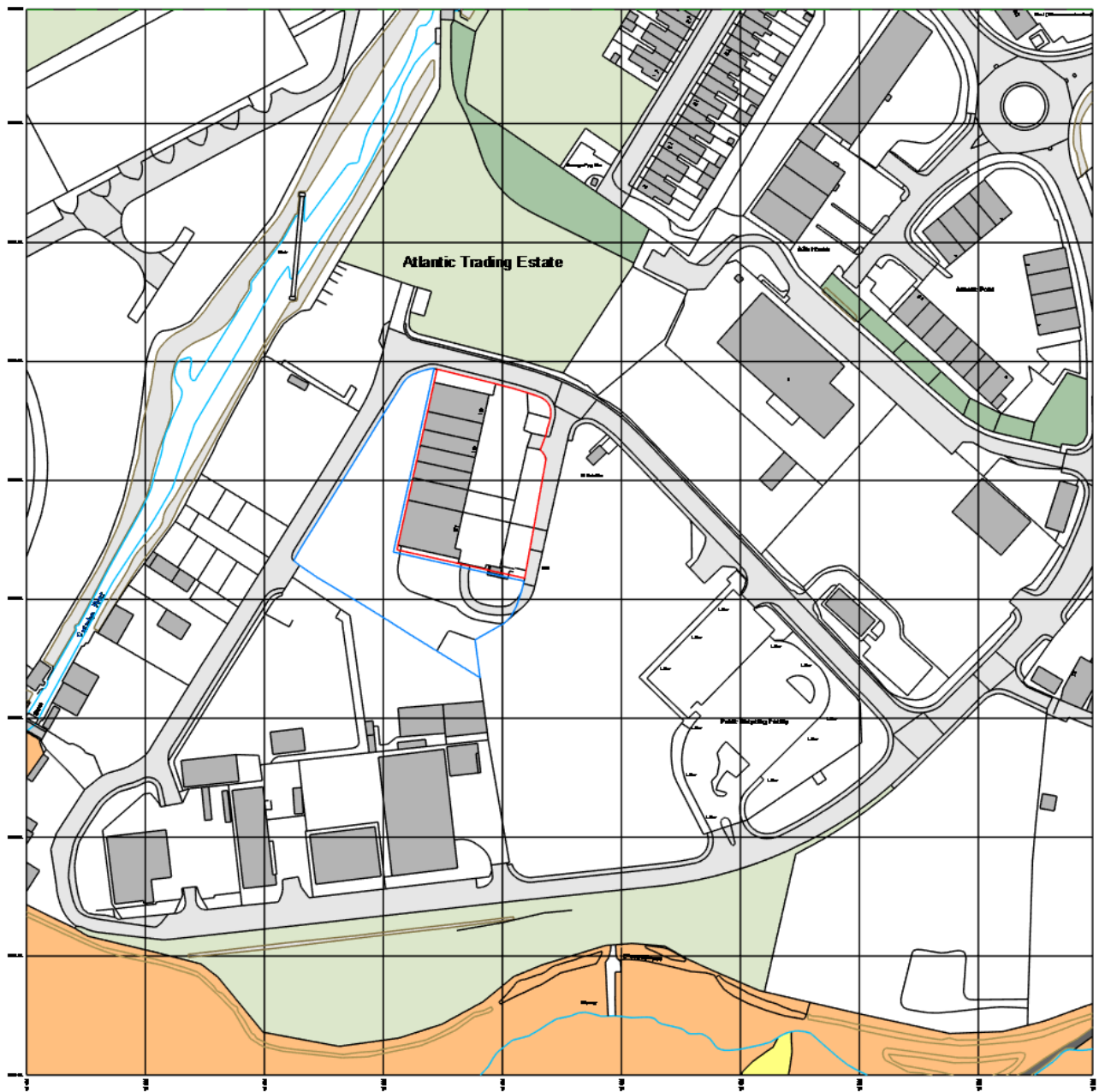
04/07/2025

INTRODUCTION

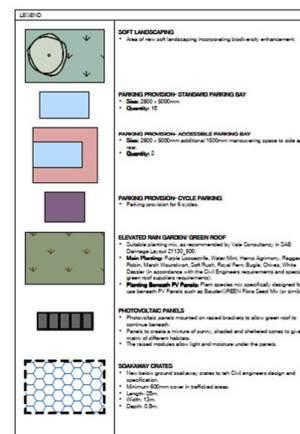
This Green Infrastructure Statement has been prepared by Evans Architectural Ltd on behalf of the applicant to accompany a planning application for the proposed industrial development to include planning use class B1, B2, and B8 to replace an existing industrial facility that was destroyed in a fire in October 2023.

The planning application seeks full planning consent to rebuild of 1no industrial unit, separated into 10no individual units.

The site is located within the existing Atlantic Trading Estate, Barry and the site boundary is shown on the accompanying drawing 3252 (90) 001 Location Plan. An excerpt of this location plan is shown below. The site covers an approximate area of 0.4055 hectares in total.



The proposal is for the re-development of the site to replace structures and industrial units that were destroyed in a fire that occurred in October 2023. The proposal will match the scale and character of the original building but will include various biodiversity enhancement measures to ensure compliance with the policies of 2025.

[illegible]

GREEN INFRASTRUCTURE OVERVIEW

Paragraph 6.2.4 of the PPW (Edition 12) states that “Green infrastructure plays a fundamental role in shaping places and our sense of well-being, and is intrinsic to the quality of the spaces we live, work and play in. The planning system must maximise its contribution to the protection and provision of green infrastructure assets and networks as part of meeting society’s wider social and economic objectives and the needs of local communities.”

“The network of natural and semi-natural features, green spaces, rivers, and lakes that intersperse and connect places. Green infrastructure can function at a range of different scales; from entire ecosystems such as wetlands and rivers to parks, fields and gardens at the local scale and street trees, hedgerows, roadside verges, and green roofs/walls at the micro scale.”

Green infrastructure is the network of natural and semi-natural features, green spaces, rivers and lakes that intersperse and connect places. Component elements of green infrastructure can function at different scales and some components, such as trees and woodland, are often universally present and function at all levels. At the landscape scale green infrastructure can comprise entire ecosystems such as wetlands, waterways, peatlands and mountain ranges or be connected networks of mosaic habitats, including grasslands. At a local scale, it might comprise parks, fields, ponds, natural green spaces, public rights of way, allotments, cemeteries and gardens or may be designed or managed features such as sustainable drainage systems. At smaller scales, individual urban interventions such as street trees, hedgerows, roadside verges, and green roofs/walls can all contribute to green infrastructure networks.

ANALYSIS OF THE EXISTING SITE

Following the fire in 2023 that destroyed the existing industrial portal frame structure the only remaining elements are the concrete slab and concrete foundations. There are no other permanent structures on the site.

The image below is an aerial photograph of the site taken in December 2024.



GREEN INFRASTRUCTURE PROPOSALS

The following biodiversity and ecology improvement measures are being proposed as part of the development:

ELEVATED RAIN GARDEN/ GREEN ROOF

The sustainable drainage strategy incorporates an extensive bioretention green roof system that covers all of the new roof. Planting will be in accordance with the design proposals prepared by the Civil Engineer and should be planted with the following species at a density of 4no plants per square meter as outlined in SAB Drainage report 21130_500.

- Purple Loosestrife, Water Mint, Hemp Agrimony, Ragged Robin, March Woundwort, Soft Rush, Royal Fern, Bugle, Chives, White Dazzler.

A specially designed planting mix will be used for the green roof areas directly beneath the elevated photovoltaic panels.



NEW WILD FLOWER MEADOW MIX

New wildflower meadow/ shrubs to the soft landscaping areas that flank the entry into the site:

- Wild flowers: UK Native Wildflowers, perennial mix which may typically include- Corn Chamomile, Corn Cockle, Corn Marigold, Corn Poppy, Cornflower, Agrimony, Betony, Birdsfoot Trefoil, Bulbous Buttercup, Common Knapweed, Common Sainfoin, Field Scabious, Greater Knapweed, Ladys Bedstraw, Meadowsweet, Musk Mallow, Oxeye Daisy, Ragged Robin, Red Campion, Salad Burnet, Self Heal, Small Scabious, Vipers Bugloss, White Campion, Wild Carrot, Yarrow & Yellow Rattle.

- Shrubs: Common Dogwood (*Cornus Sanguinea*), Hazel (*Corylus Avellana*), Flaviramea (*Cornus Sericea*), Vinca Minor (Lesser Periwinkle)



The biodiversity enhancement measures outlined within the proposals offer a significant improvement over the existing.