

Making nature-friendly cities a reality

Accessible

Inclusive

Enjoyable





Preventative *and* restorative

The role of standards

Wellbeing
Water
Wildlife

CORE STANDARDS

Distinguish green infrastructure from a more conventional approach to provision for open and green space.



WELLBEING STANDARDS

Secure health and wellbeing benefits through the delivery of green infrastructure features close to where people live.



WATER STANDARDS

Managing water quantity and quality, and maximising opportunities for amenity and biodiversity.



WILDLIFE STANDARDS

Create places where nature can flourish, both within the boundary of the scheme, and at a landscape scale.



CORE STANDARDS

Distinguish green infrastructure from a more conventional approach to provision for open and green space.



1. Multi-functional network
2. Contextual
3. Policy-responsive
4. Climate-resilient
5. Future-proof

WELLBEING STANDARDS

Secure health and wellbeing benefits through the delivery of green infrastructure features close to where people live.



1. Accessible
2. Inclusive
3. Seasonal enjoyment
4. Locally relevant
5. Socially sustainable
6. Distinctive

WATER STANDARDS

Managing water quantity and quality, and maximising opportunities for amenity and biodiversity.



1. Quantity
2. Quality
3. Amenity and biodiversity
4. Innovative
5. Resilient
6. Locally distinctive

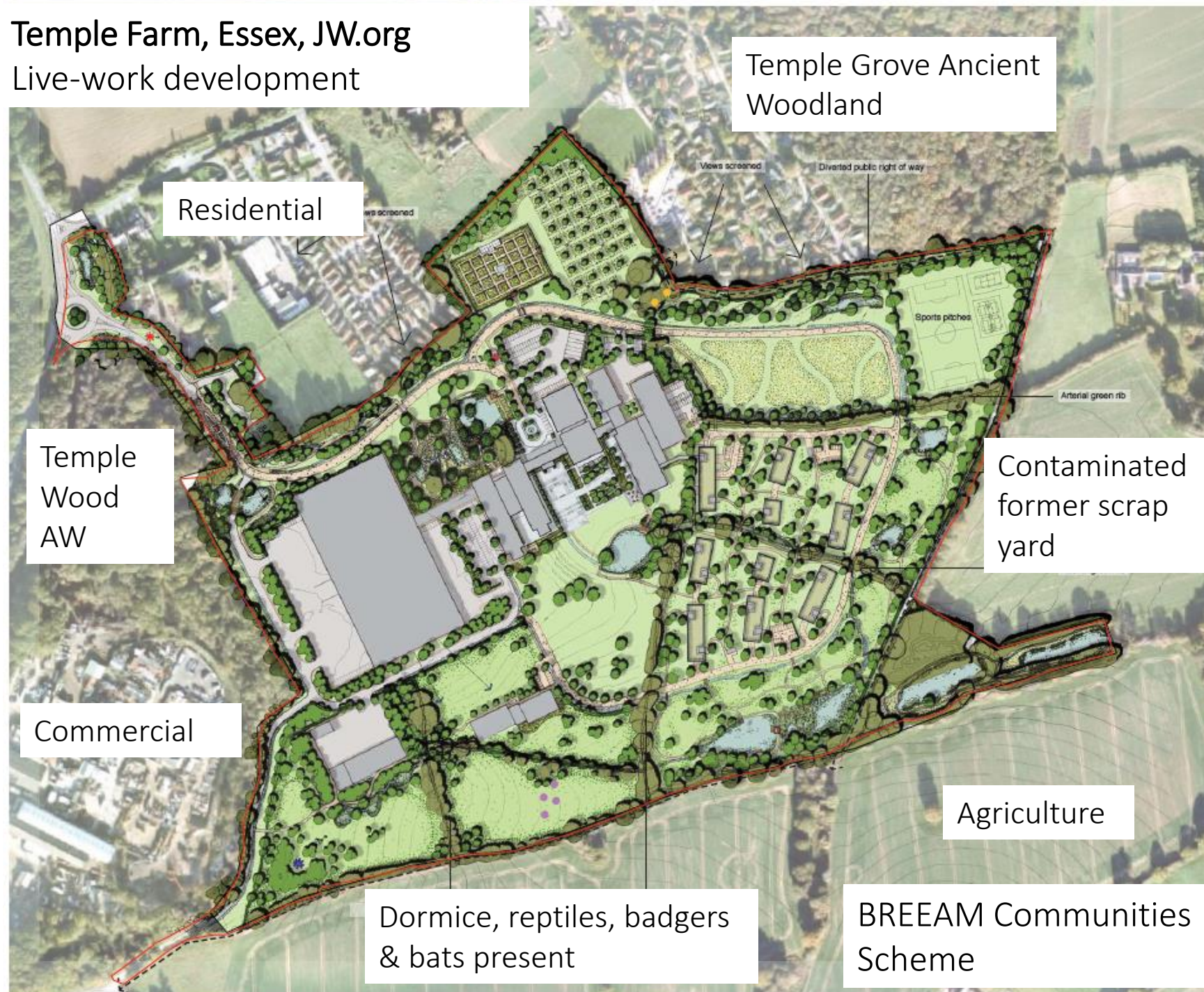
WILDLIFE STANDARDS

Create places where nature can flourish, both within the boundary of the scheme, and at a landscape scale.



1. Bigger and better
2. More joined up
3. Locally-relevant
4. Nature-rich development
5. Ecological networks
6. Sensitive construction

Temple Farm, Essex, JW.org
Live-work development



Temple Grove Ancient Woodland

Residential

Temple Wood AW

Commercial

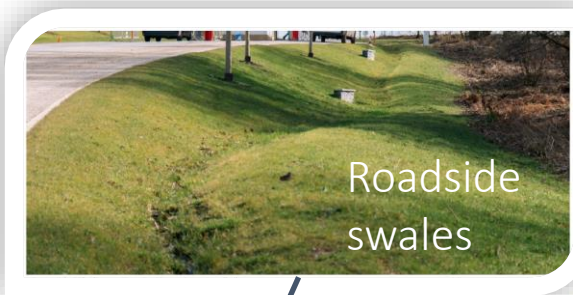
Contaminated former scrap yard

Agriculture

Dormice, reptiles, badgers & bats present

BREEAM Communities Scheme

Water



Larger paved areas planted with trees and surrounded by hedgerows to create shade and control temperatures

Attenuation features

CIRIA
Susdrain
award
winner

Green-roofs on residential buildings to slow down rainwater percolation



Formal ponds provide water 'links' throughout the site and encourage people's interaction with water

Existing lakes restored and incorporated into site-wide SuDS



Wildlife

New dormouse bridge as part of entrance feature

Buffer to keep 'development' away from ancient woodland

Retained, enhanced and newly established hedgerow network for dormice

Bespoke LEMP

Sensitive lighting design along north and east edge

Retained and protected badger sett away from development and people

Restoration of former fishing lakes to provide opportunities for otter use

Reptile receptor area with hibernacula and bespoke management - controlled public access



Wellbeing

Public realm designed to have an outdoor focus for all ages and all abilities

Formal walled garden, allotments and orchard

Formal sports pitches

Safe and accessible footpaths / cycle and running routes from residential areas

'Trim Trail' in parks

Children's play areas near site visitor entrance

Educational botanic garden

Areas for outdoor recreation – games and gatherings

Area for quiet reflection



Take-Away Points

- Consider green infrastructure aims, strategies and designs options on a site-by-site basis at an early project stage, involve key stakeholders and experts
- Identify opportunities for multi-functional features and design accordingly with input from the whole team
- Clearly document, present and promote a site's green infrastructure offering as part of a planning application
- Consider external verification of a site's green infrastructure offering e.g. Building with Nature benchmark for each project stage



Thank you

Gemma Jerome

www.buildingwithnature.org.uk
gemma@buildingwithnature.org.uk

Katy Read

Middlemarch Environmental Consultants
katy.read@middlemarch-environmental.com