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Green Infrastructure Statement

To support the proposal at:

The Mount
Tower Hill
Acrefair
Wrexham
LS14 3SU

On behalf of:
Mr Christopher Moore and Miss Lorrae James

Green Infrastructure Statement for replacement dwelling at The Mount, Tower Hill, Acrefair, Wrexham, LL14 3SU

This Green Infrastructure Statement has been prepared to demonstrate the commitment to sustainable development and the integration of green infrastructure into the design of a replacement dwelling located at the Mount, Tower Hill. The proposal aligns with the principles outlined in the local planning policy and follows the 'step-wise' approach to green infrastructure, which emphasises a phased, sustainable integration of ecological, environmental, and community-benefiting features into the built environment.

Avoidance of Environmental Impact
The design of the dwelling prioritises the careful siting and orientation of the structure to minimise disturbance to existing habitats and biodiversity. The existing footprint of the dwelling has been maintained, ensuring that there is no unnecessary encroachment into sensitive areas, such as wooded zones, watercourses, or areas with high ecological value.

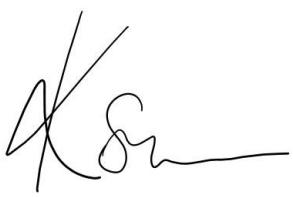
The Proposed development will incorporate an eco-friendly manufactured home that reduces carbon footprint drastically from traditional build methods and also incorporates low carbon methods of fueling throughout the life of the home.

Minimising Environmental Impact
The development proposes the retention and enhancement of key landscape features, including native tree planting, hedgerows, and green corridors where possible. A focus is placed on reducing the overall environmental footprint through energy-efficient design strategies and construction methods. This includes using sustainable materials, improving insulation, and utilising low-carbon technologies, such as air-source heat pumps, triple glazing windows, which align with both the ‘step-wise’ approach and Wrexham’s climate goals.

Enhancing Green Infrastructure
In accordance with the 'step-wise' approach, the replacement dwelling will not only aim to protect but actively enhance the site’s green infrastructure. We are committed to increasing the biodiversity on-site through planting a variety of native species

Long-term Management and Maintenance
The development proposal will be managed and maintained solely by the applicants. With biodiversity at the heart of this development, it is paramount for the applicants to sustain a green space.

Conclusion
This Green Infrastructure Statement reflects the intent to provide a sustainable, environmentally conscious design for the replacement dwelling. By following the step-wise approach, the proposal minimises environmental impact, enhances biodiversity, and provides long-lasting benefits to the local community and ecosystem. Through careful planning and thoughtful design, we aim to ensure that the development integrates seamlessly with its natural surroundings while addressing the challenges of climate change and promoting a sustainable future.

Kyle Swift		**13/02/2025**
Agent	Signed	Date