Appendix 1: Green Infrastructure Statement and Net Biodiversity Benefit

Form completed by:	**Michal Pospieszala**
Date:	**26/06/2026**
Address of site:	**30 Tapley Avenue**
Grid reference:	**SJ 34656 51756**
Description of Proposal:	**Construction of a timber pergola with an integrated non-export solar panel array in the rear garden.**

1. Details of all existing green infrastructure on site and approximate size:

Boundary 1:	*Concrete post fence with PVC panels(approx 2m high) and an established Cherry Laurel hedge (approx. 4m high).*
Boundary 2:	*Wooden fence (approx. 1.8m high)*
Boundary 3:	*Concrete post fence with PVC panels (approx 2m high)*
Boundary 4:	*Brick wall / House wall*
Front Garden:	*Grass lawn*
Rear Garden:	*Grass lawn, vegetable plot, paved patio and composite decking raised on plastic pallets. The spaces beneath the patio and decking function as established habitats for local invertebrates (spiders, beetles, etc.), contributing to the site's micro-ecosystem.*
Other:	*None*

2. What green infrastructure features (trees, hedges, hedgebanks) have already been removed from site and/or require removal to facilitate the development (add lengths or areas)?

Boundary 1:	*none*
Boundary 2:	*none*
Boundary 3:	*none*
Boundary 4:	*none*
Front Garden:	*none*
Rear Garden:	*none*
Other:	*none*

3. How are the retained features being protected during development (BS5837:2012)?

Boundary 1:	*The existing Cherry Laurel hedge is located safely away from the immediate construction footprint. No heavy machinery will be used near the hedge to prevent any root or branch damage.*
Boundary 2:	*The pergola will be carefully erected adjacent to this boundary. The structure will be assembled manually without the use of heavy machinery, ensuring no physical damage to the wooden panels, concrete posts*
Boundary 3:	*n/a (protected by distance from the development area)*
Boundary 4:	*n/a*
Front Garden:	*n/a (the development is located entirely in the rear garden).*
Rear Garden:	*The timber pergola components will be pre-cut and assembled manually on-site to eliminate the need for heavy excavation or construction vehicles, ensuring full protection of the existing lawn, vegetable plot, and decking areas.*
Other:	*n/a*

4. What Green Infrastructure is being planted as mitigation for losses?

Boundary 1:	***None (No green infrastructure losses to mitigate)***
Boundary 2:	***None (No green infrastructure losses to mitigate)***
Boundary 3:	***None (No green infrastructure losses to mitigate)***
Boundary 4:	***None (No green infrastructure losses to mitigate)***
Front Garden:	***None (No green infrastructure losses to mitigate)***
Rear Garden:	***None (No green infrastructure losses to mitigate)***
Other:	***None (No green infrastructure losses to mitigate)***

5. Biodiversity enhancements

The enhancements do not need to be directly attached to the proposed new construction; they can be attached to the host dwelling or placed within the garden, but they do need to be on land within the red or blue line. The principle is that the enhancements should lead to a 'net benefit' for biodiversity. The following biodiversity enhancements have also been added:

√	**Measure**	**Plan**	**Details**
√	**Boxes.** 2 x Vivara Pro Woodcrete Bird Boxes (or equivalent durable nest boxes suitable for small garden birds like sparrows or tits).	Submit a plan of location (1)	The bird boxes will be strategically placed near the existing Cherry Laurel hedge and vegetable plot. This location offers immediate cover, while the established invertebrate habitats under the nearby decking and patio will provide excellent natural foraging opportunities for nesting birds during the breeding season.
	Hedgerow. Total new or restored length.	Submit plan of location.	Calculate number of each species using information in the guidance

			above. Ensure that you can easily purchase the species proposed.
	Tree/orchard planting. Number of trees.	Submit planting plan.	Size of tree (at time of planting), species (full latin name) and any proposed protection measures.
	Wild flower grassland (area in m2).	Submit plan of location.	Species mix and site preparation details. Confirm that appropriate management is achievable.
	Pollinator shrub planting. Area in m2.	Submit plan of location.	Species proposed (latin names)
	Wildlife ponds. Number of.	Submit plan to scale including cross-section.	Details on lining or any proposed planting.
	Hibernacula. Number of.	Submit plan of location.	Brief description of materials proposed.
	Any other measures.		
√	1 x Bespoke DIY Insect Hotel & Hibernaculum with an integrated pollinator water feature.	Location marked (2) on the submitted sketch plan.	A custom-built habitat created using layered natural logs, sawn timber planks, and twigs to establish rich crevice environments for overwintering invertebrates (spiders, solitary bees, and beetles). It incorporates an integrated shallow water feature safe for drinking. Placed in a sheltered, undisturbed area of the rear garden close to the vegetable plot to maximize ecological benefit.

6. Management and maintenance.

Any information on the long term management and maintenance of the enhancements.

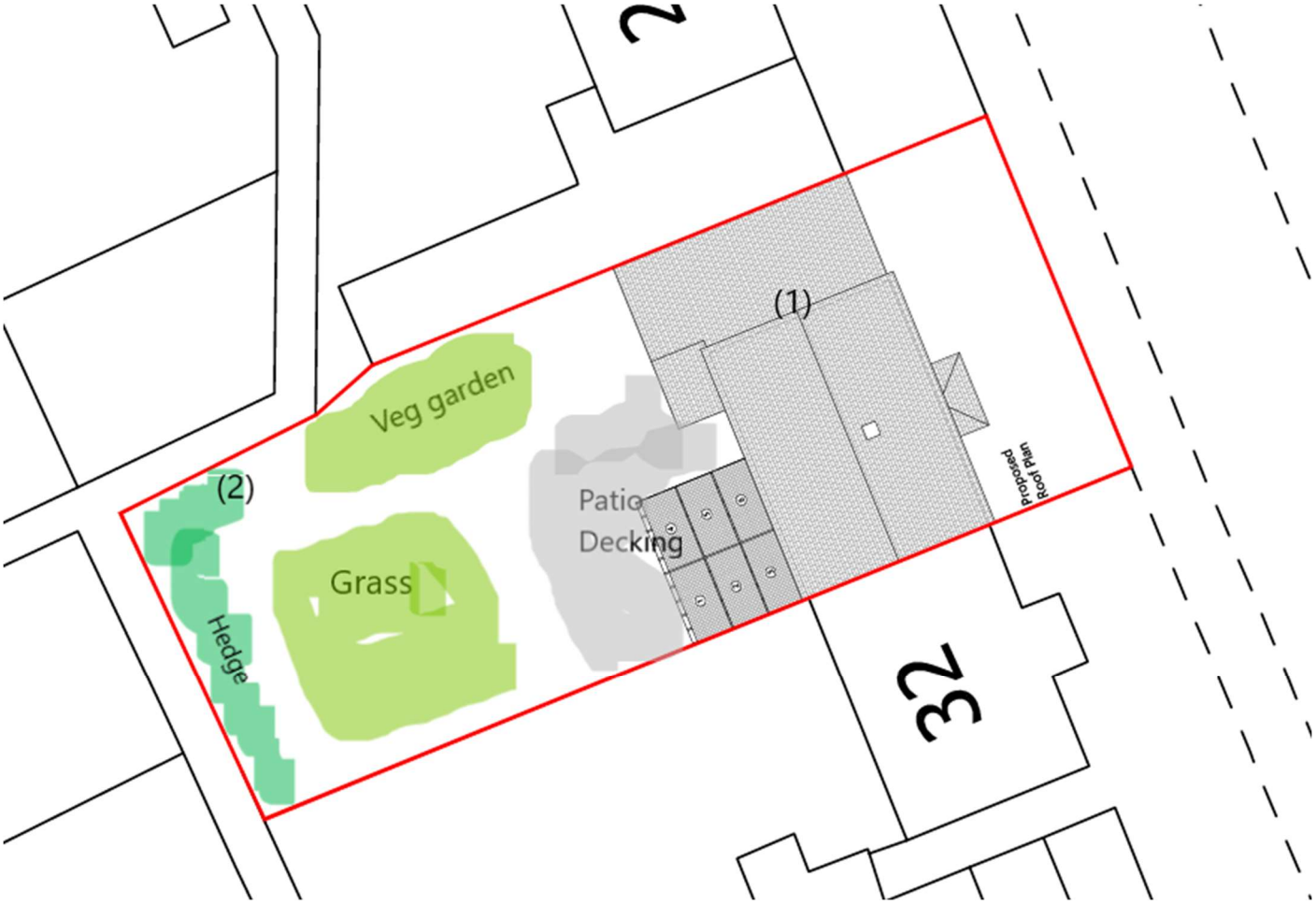
1. Bird Boxes: The woodcrete nest boxes will be left undisturbed during the breeding season. They will be inspected annually every autumn (between October and November) to be cleaned out and checked for structural integrity, ensuring their longevity for the lifetime of the development.

2. Insect Hotel & Water Feature: The bespoke insect hibernaculum will be maintained as a permanent, undisturbed habitat in the garden. The integrated pollinator water feature will be regularly topped up with fresh water, kept clear of debris, and checked ahead of winter to prevent freezing damage, ensuring a continuous and safe water resource for local wildlife.

7. Conclusion

Based on the information provided above, this development will result in a **Green Infrastructure and Net Biodiversity Benefits** upon completion.

8. Sketch plan (Insert plan showing the features of the development site):



9. Site photos (as required)