BIODIVERSITY STATEMENT – *2642-15*

3 Sylvan Avenue, Emerson Park, Hornchurch RM11 2PL

Full planning application for the Demolition of existing residential dwelling and ancillary buildings and erection of two detached dwellings with associated landscaping and biodiversity enhancements.

1. Purpose and assessment basis

This statement summarises the ecological baseline, proposed habitat changes and biodiversity enhancements for the application site. It is intended to be read alongside the submitted Small Sites Biodiversity Metric, landscaping proposals and Arboricultural Impact Assessment / Method Statement.

2. Existing site and biodiversity baseline

The application site extends to approximately 3,555 m^2 and comprises an existing residential property, ancillary structures, extensive hardstanding and managed/unmanaged garden habitats. The baseline assessment identifies grassland and other vegetated areas, trees and boundary vegetation, alongside developed surfaces. Existing trees and groups are separately identified in the arboricultural schedule and Drawing 2642-7.

The Small Sites Metric records a pre-development value of 1.782176 area habitat units and 0.035000 hedgerow units. These are distinct unit types and must not be added together.

3. Proposed landscape and habitat measures

- Retention and protection of selected existing trees, groups and boundary vegetation, with construction exclusion zones and monitoring in accordance with the arboricultural method statement.
- New native/ornamental planting and hedgerow establishment, including a central hornbeam hedgerow; proposed replacement trees PT01–PT03 are shown on the landscape proposals.
- Proposed lawn/turf, wildflower planting, green roofs and green walls, with habitat establishment and maintenance measures to support biodiversity.
- Landscape and planting proposals are identified on Drawing 2642-6; the tree protection and arboricultural proposals are shown on Drawing 2642-7.

4. Quantified biodiversity net gain

Metric component	Pre-development	Post-development	Net change
Area habitat units	1.782176	1.974787	+0.192611 (+10.81%)
Hedgerow units	0.035000	0.344105	+0.309105 (+883.16%)
Watercourse units	0	0	No watercourses

5. Implementation, management and limitations

Tree protection fencing is to be installed before demolition/construction and retained as required by the arboricultural method statement. Habitat creation and planting should be implemented in accordance with the approved landscape scheme and maintained to achieve the condition assumptions used in the metric. Any legally required biodiversity gain plan and habitat management/monitoring obligations are to be addressed at the appropriate stage.

6. Supporting documentation

- Small Sites Biodiversity Metric: “3 sylvan bng1(3).xlsx” (Headline Results and habitat input tabs).
- Drawing 2642-6 – Landscaping Proposal / Biodiversity Net Gain.
- Drawing 2642-7 – Existing Tree Survey, Arboricultural Assessment and Tree Protection.
- Arboricultural Impact Assessment & Method Statement, including tree survey schedule and monitoring/compliance schedule.