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Project Name	<b>Ysgol Gymraeg Bro Morgannwg</b>	Project No.	318052
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## Response to Ecologists Queries

### Tree Removal and Planting

Individual trees removed to allow for development will be replaced with two newly planted trees of selected standard specification or above. The applicant is also proposing to replace areas of removed tree groups on a 2:1 ratio, i.e. the area of tree groups removed will be replaced with an area of new tree group planting double to that which is to be removed with planting at an appropriate density. This strategy follows guidance included within section 9.1.2. of the Vale of Glamorgan's Trees, Woodlands and Hedgerows SPG. All instances and areas of tree planting are to be managed by the site owner upon completion of construction.

### SUDS

A SUDS application has been made as part of the planning process. The proposed ponds and detention basins are surrounded by non-intensively managed landscapes (wild flower meadow) where natural sources of native species are likely to be good.

There are currently no proposals to plant-up the ponds, this will allow native plants more opportunity to colonise.

The proposed SUDS treatment sequence will maximise water quality reaching pond basins by preventing or ameliorating the export of pollutants into pond basins.

The ponds and detention basins are broken to ensure they do not block routes for wildlife across the site.

### Biodiversity Enhancement and Mitigation

It is proposed that semi-improved grassland lost due development will be mitigated/ compensated by converting areas of the sites remaining unimproved grassland into wildflower meadow.

A number of native plant species have been incorporated into the proposed planting beds across the site.

New buildings are predominately located on areas of existing hard standing/tarmac which are currently used for sports and parking. This minimises impact on local habitat inline with guidance included within 10.3.1. of the SPG.

The use of new lighting proposed to the 3G pitch will be limited to provide some dark periods. Footpaths will be lit using bollards to keep the light below the tree canopy.

