

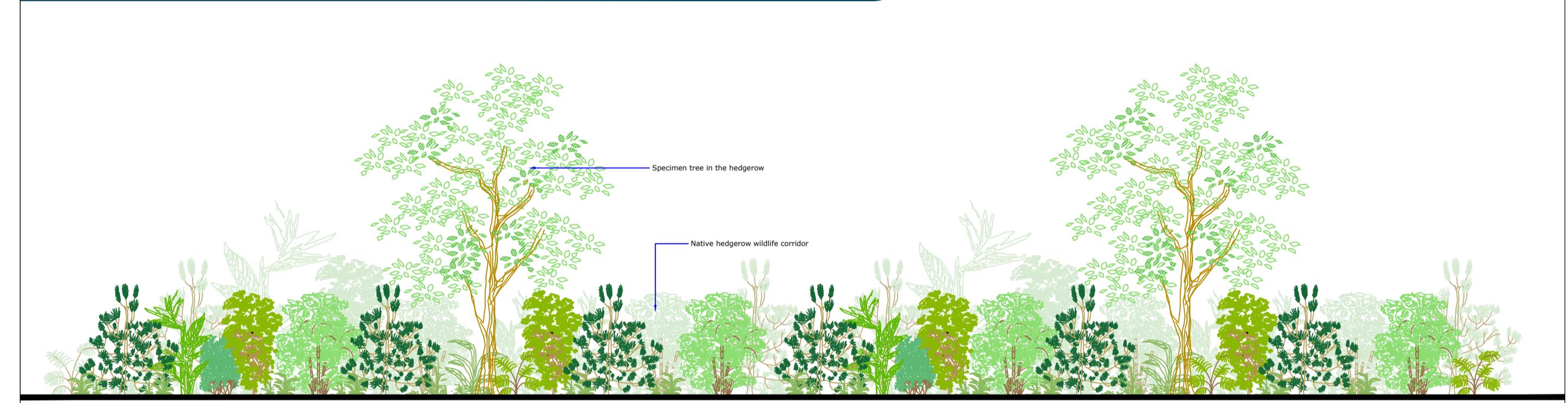
Native Hedgerow Wildlife Corridor Typical Section 1:100



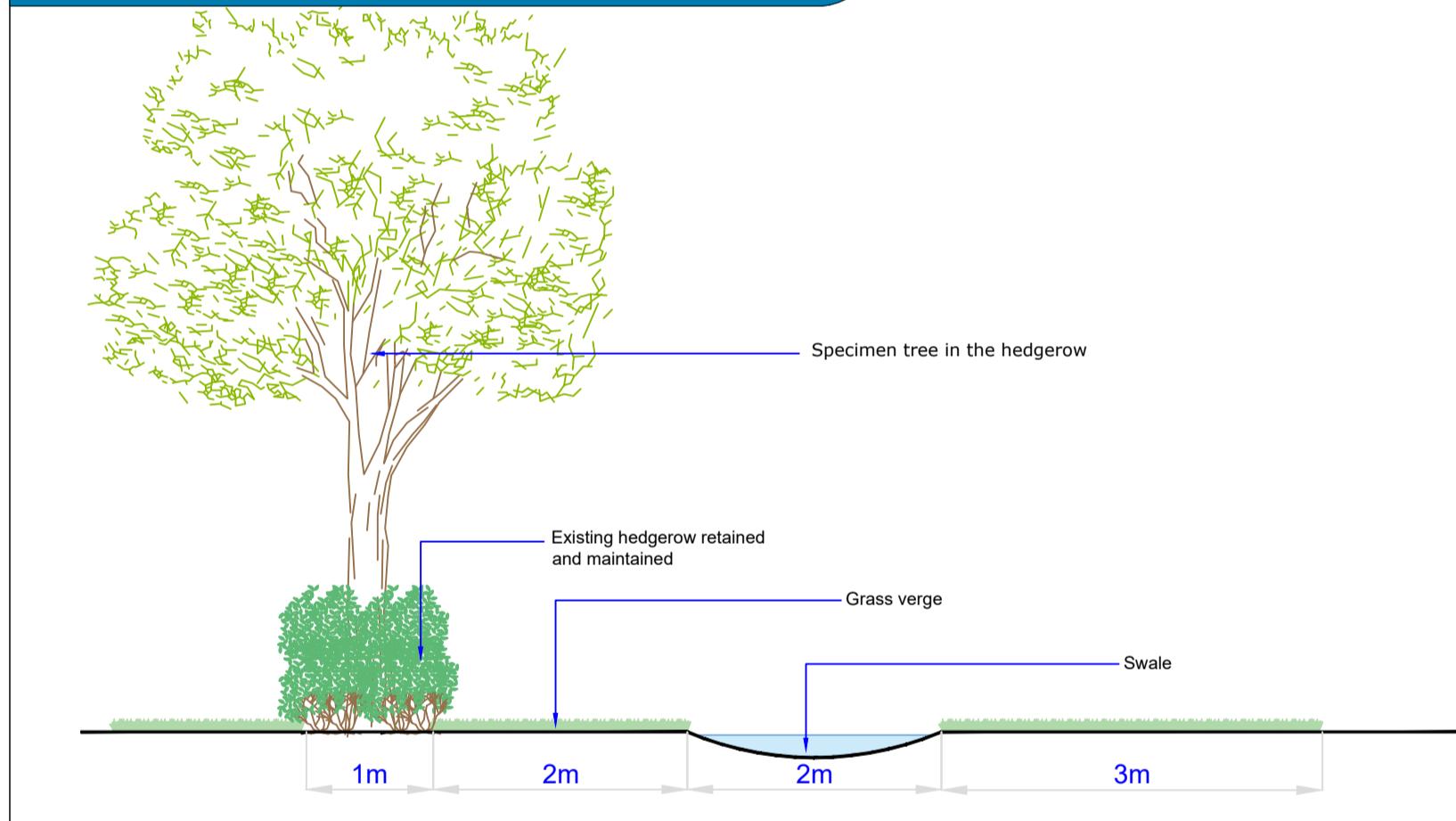
Terrestrial Woodland Planting Typical Elevation 1:75



Typical Elevation of Specimen trees in Native hedgerow at intervals 1:75



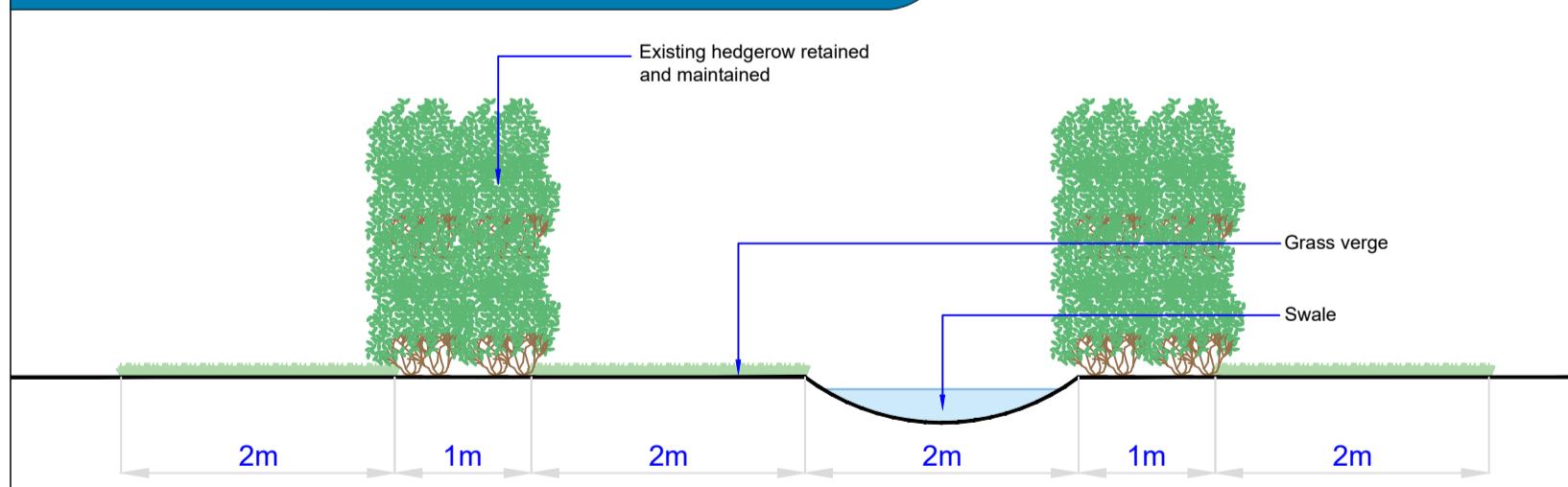
Native Hedgerow NS Typical Section 1:50



Typical Section for Boundary Landscape treatment 1:50



Native Hedgerow EW Typical Section 1:50



Landscape Design Rationale

The landscape evolution of the business park envisages a link between the landscape design requirements and the biodiversity aspects of the site development as outlined in the Biodiversity Management Plan.

It is proposed that for each site development cognisance shall be taken of the landscape design rationale and typology of landscape elements proposed. This will ensure that the global design proposals for the site and its enhanced biodiversity are retained.

Any proposed development shall refer to these proposals and relate them to the specific position of the development within the business park; its scale and layout also determining the type and extent of landscape typologies incorporated into the design.

Native Hedgerow Wildlife Corridor:

The native hedgerow planted as a wildlife corridor will be composed of species such as Ash, Pendunculate Oak, Hazel, Crab Apple, Wych Elm, Hawthorn, Elder, Spindle and Eared Willow, and will form a natural habitat for wildlife to which to inhabit and flourish. The hedgerow will be allowed to grow loosely and naturally but will also be planted with specimen trees at regular intervals to provide diversity. These trees will be allowed to grow to full maturity. As the hedgerow approaches the Main avenue, the specimen tree spacing will reduce in order to provide additional height so that bats and birdlife will fly well over the traffic zone. A mammal underpass will be provided beneath the road as part of the stream culvert construction.

Native hedgerow:

The existing hedgerow will be maintained on the site until any future developments take place or until the farmers are farming the land. These hedgerows will be maintained as described in the BMP report and in the 'Native Hedgerow Typical Sections' detail on this drawing, depending on the location of the hedgerow. A detailed description on the maintenance of the hedgerow and replanting will be provided in the BMP report and the Landscape report for future developments to refer and abide to.

Terrestrial Woodland Planting:

Native species such as Birch, Oak, Pine, etc. will be planted to create a diverse yet native habitat to encourage a rich variety of wildlife to evolve on the site. This planting will also provide an aesthetical and screening landscape element to the site and its surroundings.

Attenuation Lake:

The Attenuation Lake will be treated as a recreational feature for the residents of the site and also as a wetland and aquatic habitat for the wildlife residing in it. The design aims to provide and maintain the diverse environments created through porous and semi-porous boundaries between the habitats. A wet woodland planted island will be installed in the lake for the wildlife to inhabit. A hoggin pathway will be installed around the lake so that the people can enjoy the serenity of the lake at anytime of the day.

Attenuation Lake section AA'



Attenuation Lake section BB'



View of the pathway and Attenuation Lake



A	31/08/18	DB	Landscape Typology Masterplan
Rev	Date	By	Details

AUSTEN ASSOCIATES
One Salt House, South Quay, Wicklow Town, Co. Wicklow
Email: designs@ austenassociates.ie | Web: www.austenassociates.ie
landscape architecture design project management
Copyright Austen Associates, 2018

Client: South Dublin County Council
Project title: Grangecastle West
Drawing title: Landscape Typology Masterplan
Drawn by: DB Scale: As shown on A1
Approved by: TA Date:
Status: Planning Revision:
Drawing no: 042817_LP_05 Revision: A