

Annex 4.5

Landscape Masterplan

(ERM)



KEY

- Semi Mature Avenue Tree Planting.
- Standard Tree Planting mainly native tree species.
- Native woodland and/or scrub planting.
- Grass areas: maintenance regime dependent on location i.e low frequency of cut adjacent water courses, higher frequency adjacent to paths, parking areas and at entrances.

Mitigation Area B – Erect nest boxes for tree sparrows in adjacent trees.

Habitat Creation, restoration and enhancement measures.

- Amphibian-proof fence
- Log piles
- Creation of six new ponds for GCN translocation
- Turf covered GCN hibernaculum
- Grassland bund
- Infrequently cut grassland providing year round cover for GCN
- Section of tarmac to be removed and grass seeded
- Arable field converted to species rich grassland

Central drainage feature includes areas of hedgerows and scrub with grass areas next to ditch to provide wildlife corridor. Planting kept 3 to 5m back from ditch with infrequently cut grassland.

Amenity planting areas providing shelter and outdoor facilities for staff and workers in adjacent buildings. Grass areas more frequently maintained.

Landscape Treatment along Rosper Road to consist of semi mature trees in avenue groups as shown with native woodland/scrub belt to rear. Trees are positioned at key locations to encourage bats to fly high and over towards adjacent existing woodland.

Main site access roads with formal avenue tree planting using semi mature stock. This will introduce a formal parkland appearance to the development and will tie in with the amenity planting associated with the car parks and the various buildings.

An additional formal tree lined avenue is proposed along the western access road. Trees will be berry bearing varieties.

Trees also provide bat flight corridors linking in with trees along Rosper Road which then tie in with adjacent woodlands.

Due to the widening of Station Road, existing trees to the north will be replaced by new tree planting. Every effort will be made to retain the existing trees to the south of Station Road. However, due to their condition they will gradually be replaced by new tree planting.

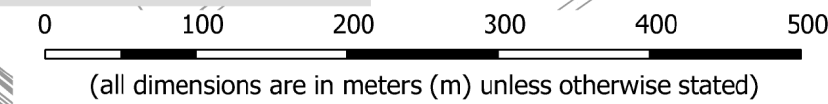
Mitigation Area A

Area A will provide habitat for mitigation for wintering waders, eg curlew, the loss of Station Road Local Wildlife Site, bats and breeding birds.

The primary focus of Area A will be the creation and enhancement of wet grassland habitat for wintering waders however measures to enhance the habitat for other species will also be taken.

Habitat creation, enhancement and restoration measures:

- arable fields converted to grassland;
- wader scrapes that are shallow and variable depth, at least 100 m from field boundaries;
- selected existing hedgerows will be removed to create an open aspect for wintering birds;
- foraging habitat for bats, low shrub/scrub will be located mainly around the margins;
- 1.7 ha (at least) of neutral grassland to mitigate for loss of Station Roads Local Wildlife Site;
- tussocky swards will be encouraged which provide habitat for nesting skylarks and meadow pipit; and
- clearance of surrounding vegetation where it is resulting in overshadowing, vegetation surrounding the water which provides cover from predators (eg rough grassland) and food for water voles will be encouraged.



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Project:	ABLE Marine Energy Park
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PRELIMINARY			
Scale:	Drawn	Checked	Approved
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