STRATEGIC APPROACH FOR LANDSCAPE PLANTING AND ECOLOGICAL IMPROVEMENT

The overall aim of the planting proposals is to provide a connection between the existing established hedgerows to the north with the eastern hedgerow planting and the established Strategic Ecological Network to the south. The planting will increase species diversity, start to create a range of habitats and provide an uplift in ecological attributes such as pollinator species and wildlife foraging potential.

Regularising the profile of the existing bunding will provide a solid basis for an adjusted planting palette on the eastern and western bund slopes. Reprofiling the gradients and infill of missing areas of the bund will ensure a continuous profile that works with the existing ponds and surrounding trees and hedgerows.
Areas of the bund requiring infill will be re-graded to provide a consistent visual profile aligning with the geotechnical engineering proposals. Angles of slopes at maximum 1:2.5 gradient to follow the natural angle of repose for unsupported topsoil.

The planting approach takes into account the aspect of the bund slopes and the required nutrient levels for the type of planting proposed on those slopes. The sequence of earthworks operations aims to remove existing weed growth that has occurred and reduce the seed bank that is contained within the soil. Future management practices will continue this process.

Eastern boundary proposals a native thicket (scrub) mix planted as whips/transplants (60-90cm height) with 2 different sizes of standard tree planted within the 1.5m grid to provide a mixed height native planting matrix. Larger canopy species will be planted at the lower parts of the bund slopes in positions where the existing offsite large hedgerow species have gaps. Medium and smaller canopy trees and feathered species are to be planted at higher positions within the slopes, to provide ground stabilisation and visual screening following establishment. This is to provide clumps of larger canopy trees within the site periphery to follow the landscape character of the surrounding area with its large Oak trees and similar local species.

Western boundary proposals nutrient-poor' subsoils to be used in the regraded areas to provide the required conditions for the establishment of species rich wildflower meadow. The meadow grass species mix follows the ecological recommendations for the site for the open areas and aquatic margins to the ponds. Various habitat creation elements have been included such as log piles, bare earth scrapes for butterfly and bee habitats, amphibian hibernacula and rock piles.

A native hedge has been included towards the centre of the boundary area which runs on the north-south axis to connect the existing hedgerow to the north to the Wrexham Industrial Estate Strategic Ecological Network to the south.

These proposals outline the bigger picture' objectives of the site planting approach and provide the strategy of how this can be achieved through earthworks re-modelling, creating the right soil conditions and implementing the correct species to achieve this.

Adjustments March 2025: There have been various adjustments made to the layout to help further link the ecological assets within the site and beyond:
- 3no additional wildlife ponds to ensure that a cohesive series of ponds runs from north to south of the plot.
- Over 80 native trees (select and heavy standard) within the native thicket mix have been included on this plan which is considerably more when compared to previous proposals.
- Rough grass corridors will be delineated and located in between the ponds to aid wildlife movement between ponds.
- There has been the provision of numerous types of habitat creation within this parcel amphibian hibernacula, log piles, rock piles, butterfly and bee bare earth' habitats, located on level ground surrounding the ponds and both sides of the earthwork banks.

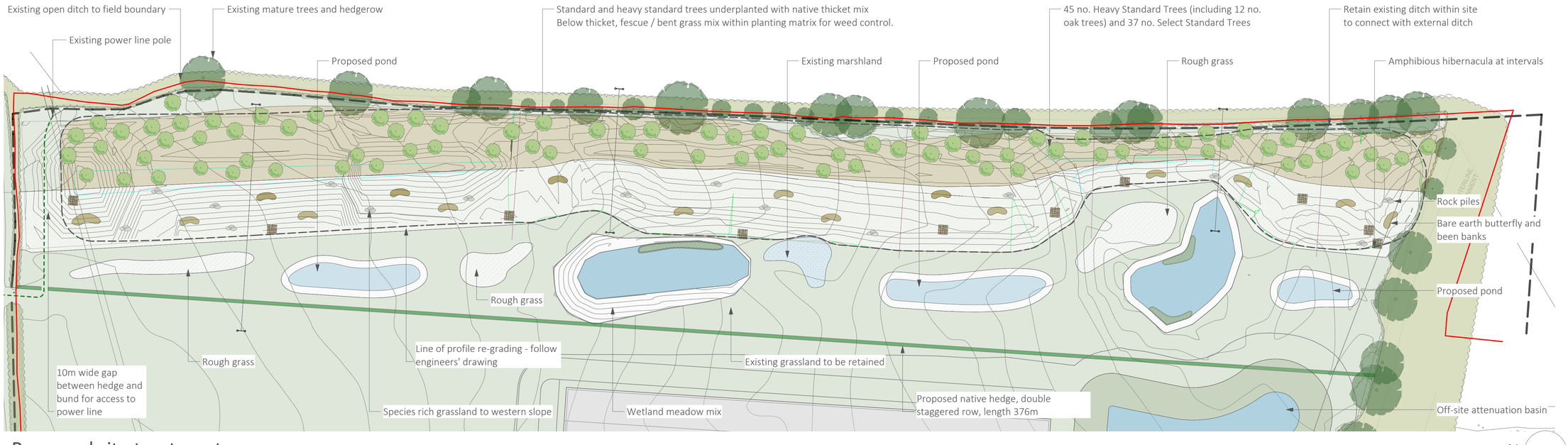
General Notes

1. Do not scale from drawing unless it is a specified setting out plan and you have confirmed it is printed to scale.
2. All dimensions and levels shown must be confirmed by contractors prior to the commencement of construction works.
3. All measurements must be checked on site.
4. Drawings are to be read in conjunction with all other relevant plans, specifications and schedules.
5. All work must comply with the current building regulations.
6. No materials used or methods of workmanship to be employed that do not conform to the current relevant British Standard and Code Of Practice.
7. All plants and materials are subject to availability at time of ordering.
8. Topsoils to be placed to 450mm overall depth in shrub and herbaceous areas and 600mm in tree pits and hedge trenches. Soils should be placed in 150mm layers, firming as you go, over compaction free, well draining subsoil.



Existing site condition

0m 10m 20m 30m 1:600



Proposed site treatment

0m 10m 20m 30m 1:600

TO BE READ IN CONJUNCTION WITH TIER CONSULT DRAWINGS
T_21_2412-60-06 (Existing Bund Levels Layout)
T_21_2412-60-08 (Proposed 1 in 2.5 Bund Levels Layout)
AND ASSOCIATED SECTION DRAWINGS.

N

24/04/2025	3	CB	Minor amendments for clarity Additional ponds and rough grass areas. Ditch along new hedge.
19/03/2025	2	JH	Access route to electricity pole. Existing ditches and marsh indicated.

Date	Original size	Scale	Drawn by	Checked by	Rev
24/04/2025	A1	1:600	JH	JK	V3

Drawing no: Net World Sports.NLD.001
Status: S3
Drawing Title: NWS HQ1 Extension - Earthworks bunding proposal - before & after
Location: Wrexham
Client name: Net World Sports

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