GENERAL NOTES:

Mature existing trees on site will be protected in accordance with 'BS5837 (2012) Trees in Relation to Design, Demolition and Construction' and based on the approved Tree Protection Scheme for the site.

Bird and Bat box provision will be included on site using appropriate boxes in locations in line with Ecological recommendations based on findings of species on site and to help establish the wider bat and bird populations within the Industrial Estate.

Butterfly and Bee Banks can also be created in identified locations by using sharp sand over soil in a linear or horseshoe shape on South/SW facing areas. A mosaic patchwork arrangement can support a rich diversity of invertebrate including the rare Dingy Skipper and Grizzled Skipper butterflies that are within the wider Industrial estate site.

Footpaths have been aligned to avoid the Root Protection Areas (RPA) of existing mature tree groups on site to ensure continued health and longevity of species identified in accordance with BS5837(2012) guidelines.

Native Tree species will be used throughout the scheme and will follow guidance from the North Wales Wildlife Trust and ecological consultants to include suitable local species such as Pendunculate Oak, Field Maple, Alder, Birch and Crack Willow in appropriate locations.

PROPOSED LANDSCAPE ELEMENTS:

Proposed Trees in Detailed component: 575 no. mixed native species

Proposed Trees in Outline component: 546 no. mixed native species (Total: 1113 no.)

Proposed native hedging - Detailed and Outline component: 4830m (4.83km) mixed native species

Proposed hedgerow trees (larger sizes planted within hedgerows): 69 no. mixed native species

Ponds - proposed additional in Eco-corridor: 786m2 (0.078ha) 16 no. additional 'Step-Stone' ponds

Ponds - existing ponds in Eco-corridor to be retained: 90.1m2 (0.009ha) 2 no. existing ponds

Relocated ponds within site: Pond 01 [242m2]; Pond 02 [788m2]; Pond 03 [740m2]

ZONE B

ZONE A2

ZONE A1

UNIT 1

UNIT 2

UNIT 3

UNIT 4

UNIT 5

UNIT 6

UNIT 7

UNIT 8

UNIT 9

UNIT 10

UNIT 11

UNIT 12

UNIT 13

UNIT 14

UNIT 15

UNIT 16

Drive Thru 1

Drive Thru 2

Hotel

PSS

Bryn Lane

Industrial Estate Road

FITNESS STOP with training equipment and reclaimed timber seating

Relocated pond from within site No.2 (798m²)

Gathering Pavilion providing shelter along wellness trail loop

Native hedgerow species mix to include local suitable species such as Hawthorn, Blackthorn, Guelder Rose, Black Poplar and Willow

EXISTING TREE GROUPS AND HEDGEROWS TO BE RETAINED ALONG BOUNDARY

Connection to existing Public Right of Way (PRoW) offsite down to Bryn Lane

Pedestrian paths to avoid the existing RPAs along the boundary and within the site

FITNESS STOP with training equipment and reclaimed timber seating

Informal seating space - reclaimed timber seating with surrounding planting provides users with a pleasant spot to relax

For Detailed Existing Tree Information, refer to TEP drawings **D9134.01.200-203** Tree Constraints Plan and associated Arboricultural survey data sheets

PROTECTION OF EXISITING MATURE TREES TO BE RETAINED AND PROTECTED IN ACCORDANCE WITH BS5837:2012 AND APPROVED TREE PROTECTION SCHEME

Relocated pond from within site No.3 (740m²)

EXISTING HEDGEROWS TO BE RETAINED ALONG BOUNDARY

CENTRAL ECOLOGICAL CORRIDOR - 38m width wildlife connection corridor which retails existing trees, ponds with additional 'step stone' ponds, aquatic marginal planting, native trees and scrub, and wildflower species to further enhance this important site feature.

EXISTING TREE GROUPS AND HEDGEROWS TO BE RETAINED ALONG BOUNDARY

Contoured Mounding - using landform in a flowing way can help define space and create a pleasant sense of enclosure

Bare Earth scarified mosaic areas to provide butterfly and bee bank habitat and breeding grounds at intervals around site

Relocated Pond 01 from within site (242m2)

ADDITIONAL HEDGEROWS AND TREES to be planted along external plot boundaries to reinforce habitat framework

Native scrub planted areas to create layered planting to create more informal plot boundary line

Existing vegetation to be retained around retained ponds and protected as necessary

VETERAN TREE CONSTRUCTION EXCLUSION ZONE around T101 - (CEZ equates to 15x stem diameter in accordance with Wrexham CBC Local Planning guidance note 13)

Drainage swales along main avenue to follow Tier Consulting drainage strategy drawings

Decking and seating around wetland ponds to create pleasant gathering spaces

2no. existing ponds to be retained

Additional wildlife ponds with native scrub and aquatic marginal planting surrounds

MAIN AVENUE - formal tree lined avenue with Quercus palustris (Pin Oak) underplanted with native bulbs and larval food plants such as Birdsfoot Trefoil, Creeping Cinquefoil and others to promote biodiversity

Swale to engineering specification set from curved path

Existing tree groups and drainage ditches to be retained in line with engineers proposals

Pumping Station to be screened

ADDITIONAL HEDGEROWS AND TREES to be planted along internal plot boundaries to reinforce habitat framework

200 x 200mm SHS Reinforced concrete amphibian and hedgehog tunnel set beneath road to link existing offsite ponds

Informal Boundary Planting - existing boundary planting can be enhanced with informal groups of native species to create a cohesive planting approach and improve the hedgerow characteristics

Existing offsite wildlife pond

Informal Boundary Planting - existing boundary planting can be enhanced with informal groups of native species to create a cohesive planting approach and improve the hedgerow characteristics

EXISTING TREE GROUPS AND HEDGEROWS TO BE RETAINED ALONG BOUNDARY

ENTRY ROUNDABOUT - wildflower grass mix

Key:

- Proposed tree
- Proposed hedgerow
- Shrub / herbaceous
- Amenity grass
- Wildflower meadow grass (Mix EM2+WF)
- Wildflower & shady grass (Mix SP5 50)
- Wildflower & shady areas grass (Mix SP5M)
- Rubicite grass seed mix
- Existing Tree
- Existing Hedgerow
- Existing Hedgerow/partially bank
- Existing Ponds
- Existing Areas
- Decking Areas

N

0 50 100m

NICHOLSONS

Looking ultimate for the natural environment

Landscape Strategy

Detailed Overview

Bryn Lane, Wrexham

Net World Sports

22-2630

V2.2

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JK CB

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